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PRK-1U

SR

UREĐAJ ZA RAZVOJ KONCENTRACIJA VEČNOG ŽIVOTA PRK-1U TRI-MOD

Opis i metodike rada sa uređajem

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Na osnovu i u skladu sa patentom Grigorija Grabovoja „Način sprečavanja katastrofa i uređaj za njegovo ostvarivanje” i drugim njegovim izumima gde se vrši normalizacija upravljačkog impulsa, koji generiše čovek u vidu elementa svoje svesti, u vidu sijanja misli, Grigorij Grabovoj je stvorio uređaj za razvoj koncentracija večnog života PRK-1U tri-mod. U tom uređaju je založen princip sličnosti sa ljudskim organizmom. On se sastoji u tome što sam uređaj ima dva prekidača, ali pri tome rade tri režima. Analogija se sastoji u tome što se u ljudskom organizmu misli rađaju i realizuju razne, ali pri tome se masa tela ne uvećava.
Uređaj ima funkcije veštačke inteligencije.

- Prvi režim je univerzalni.
- Drugi režim je pojačavanje stacionarne faze realnosti.
- Treći režim je pojačavanje dinamičke faze realnosti (impulsno-periodično).

Impulsno-periodični režim se uključuje samom šemom uređaja bez prekidača.

Napomena pre korišćenja uređaja

Uređaj za razvoj koncentracija večnog života PRK-1U tri-mod.

Pre korišćenja uređaja za razvoj koncentracija večnog života PRK-1U trorežimskog, upoznajte se sa načinom korišćenja ovog uređaja, opis uređaja je na linku:
https://pr.grigori-grabovoi.world/index.php/technical-devices/prk-1u
Opis možete naći na ukazanom linku na engleskom, nemačkom, francuskom, italijanskom, srpskom i ruskom jeziku.

Sigurnost i eksploatacija:

Obratite se preko linka
https://pr.grigori-grabovoi.world/index.php/technical-devices/prk-1u

Upozorenje:

Da bi se izbegao kratak spoj i posledice toga, uključujući i mogućnost požara elementa uređaja na mestu kratkog spoja, ne izlagati uređaj vlažnosti.
Uređaj ne sme da padne sa velike visine.

Standardi:

Informacija o standardima, sertifikatima, znacima usaglašenosti, zaštiti patenta, tovarnim markama, koje se odnose na uređaj za razvoj koncentracija večnog života PRK-1U tri-mod, mogu se naći na samom priboru, u priloženoj uz uređaj,u kutiji, dokumentaciji i na oficialnom web sajtu https://pr.grigori-grabovoi.world

Republika Srbija i Evropska unija. Informacija o recikliranju:

Znak precrtanog kontejnera za smeće na uređaju, u dokumentaciji o priboru se ukazuje na to da u skladu sa lokalnim zakonima i propisima, uređaj se mora odvojeno odlagati od kućnog otpada.

Adapter napajanja odgovara propisima:

“O sigurnosti niskonaponske opreme” i “Elektromagnetna kompatabilnost tehničke opreme”.

Individualni podaci uređaja:

Broj modela i individualni serijski broj uređaja nalaze se na poleđini uređaja.
Koristite te brojeve u slučaju da se obraćate proizvođaču, čija su adresa i web sajt dati na poleđini uređaja.

Korišćeni materijali i testiranja:

Uređaj je napravljen od materijala koji nisu štetni za organizam, koriste se materijali koji se koriste u u lemljenju, koji ne sadrže olovo ili ostale štetne materije.
Svaka komponenta svakog detalja uređaja pažljivo se procenjuje kao predmet ekološki bezopasan.
Svaki uređaj se pre eksploatacije testira neprekidnim dvadesetčetvoročasovnim radom u svakoj od tri faze rada uređaja, što garantuje normalne karakteristike daljeg rada uređaja.

Instrukcija za uključivanje uređaja

Uključite uređaj u električnu mrežu.

Uređaj se nalazi u isključenom stanju kada se dugme uređaja (1) nalazi u položaju «naniže».

Foto 1: Uređaj u isključenom stanju.

Da bi se uključio uređaj neophodno je prebaciti dugme (1) u gornji položaj.

Pri tome obratite pažnju u kakvom položaju se nalazi dugme (2), jer će od toga zavisiti u kom će se režimu uključiti uređaj. Ako se dugme (2) nalazi u donjem položaju (Foto 2), uređaj će se uključiti u prvom režimu, ako je u gornjem položaju (foto 3), uređaj će se uključiti u trećem režimu.

Foto 2: Uključen prvi režim. Dugme (2) u položaju «naniže».

Foto 3: Uključen treći režim. Dugme (2) u položaju «naviše».

Ako je uređaj bio uključen u trećem režimu (Foto 3), onda se prebacivanjem dugmeta (2) u niži položaj može preći u prvi režim rada uređaja (Foto 2).

Ako je potrebno uključiti uređaj u drugom režimu, onda za početak njega treba uključiti u prvom režimu (Foto 2), a zatim prebaciti dugme (2) u gornji položaj (Foto 4).

Foto 4: Uključivanje drugog režima. Vrši se iz prvog režima. Dugme (2) u položaj «naviše».

Da bi se odredilo u kom režimu u datom momentu radi uređaj, dovoljno je pogledati dugme prebacivanja režimâ (2).

Ako dugme (2) ne sija, znači da uređaj radi u prvom režimu (Foto 2).

Ako dugme (2) sija, uređaj radi u drugom režimu (Foto 4).

Ako dugme (2) treperi, uređaj radi u trećem režimu. Takođe u trećem režimu se vidi svetlucanje svetlosti unutar uređaja.

Opis Uređaja za razvoj koncentracija večnog života PRK-1U tri-mod

Razvoj koncentracija koje obezbeđuju svima večni život sprovodi se pomoću usredsređivanja pažnje na prijemniku biosignala koji se generiše i kontrole rezultata koncentracija. Iz psihologije je poznato da što se više sprovodi koncentracija, utoliko se brže dostiže cilj, optimizuju se događaji.

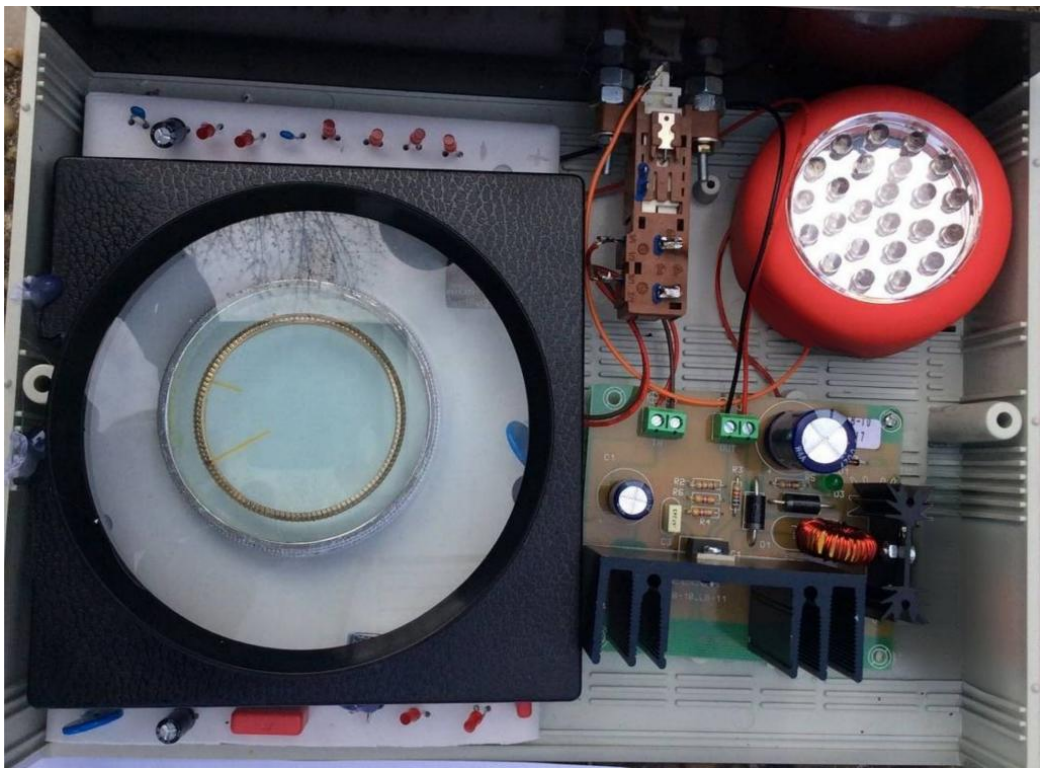
U uređaju se preklapanjem poljâ od generisanja biosignala, elektromagnetnih polja, tom faktoru iz psihologije, po zakonu dejstva sveopštih veza dodaje upravljanje po cilju koncentracije. Uređaj razvija koncentracije stvaralačkog upravljanja.

U teoriji talasne sinteze je poznato da misao koja se generiše u zračenje može imati istovremeno dva kvantna stanja. Jedno od tih stanja se nalazi na senzornom elementu predajnika signalâ, a drugo na prijemniku signalâ. To omogućava da se stvaraju uređaji za obezbeđivanje večnog života, koji uzajamno deluju sa mišljenjem. U patentima za izume Grigorija Grabovoja je zapisano da čovek-operater generiše informaciju u vidu zračenja misli. Za rad uređaja PRK-1U čovek koncentriše zračenje, koje misao stvara na sočivima, koja se nalaze na gornjoj površini uređaja:

Misao sadrži cilj koncentracije. Dejstvo koncentracije za sadašnje i buduće vreme se vrši na senzornom elementu predajnika signalâ koji se sastoji od sočiva. Vrše se kružna kretanja koncentracija od sočiva manjeg prečnika, u smeru suprotnom od kretanja kazaljke na satu, preko sočivâ većeg prečnika.

Pri koncentracijama koje se odnose na događaje iz prošlosti, kružno kretanje misli koncentracije se vršilo u smeru kretanja kazaljke na satu, od sočiva manjeg prečnika ka sočivu većeg prečnika. I zrak koncentracije je pri tome bio ne odozgo, kao u slučaju koncentracija za sadašnje i buduće vreme, već od strane unutrašnjeg optičkog bloka uređaja.

U skladu sa sistemom prenosa informacije, opisanim u patentu, drugo kvantno stanje misli se projicira na prijemniku signalâ koji je smešten u obliku optičkog mehanizma unutar uređaja.:



Realizacija načina normiranja pri koncentraciji, izloženog u patentu „Način sprečavanja katastrofa i uređaj za njegovo ostvarivanje“, vrši se preklapanjem poljâ od generisanja biosignala, elektromagnetnih polja. Faktoru iz psihologije se po zakonu dejstva sveopštih veza dodaje upravljanje po cilju koncentracije.

Uređaj univerzalno radi na razvijanju sledećih koncentracija obezbeđivanja večnog života:

Upravljanje 1:

Razvoj koncentracija večnog života za bilo koji događaj.

Upravljanje 2:

Razvoj koncentracija večnog života za upravljačko jasnoviđenje.

Upravljanje 3:

Razvoj koncentracija večnog života za upravljačko prognoziranje.

Upravljanje 4:

Razvoj koncentracija večnog života za podmlađivanje.

Razvijajući koncentracije večnog života pomoću uređaja treba osvajati duhovnim razvojem ili upravljačkim jasnoviđenjem tehnologije koje se realizuju. Da bi se umelo raditi isto to, uključujući procese zaštite i normalizacije zdravlja, koncentracijama svoje svesti.

Pronalazač uređaja PRK-1U:

Grigorii Petrovich Grabovoi

Proizvođač uređaja:

Individualni preduzetnik "GRIGORII GRABOVOI PR KONSALTING TECHNOLOGIES OF ETERNAL DEVELOPMENT, koji obavlja svoju delatnost na osnovu Rešenja o državnoj registraciji fizičkog lica Grigorii Petrovich Grabovoi kao Individualnog preduzetnika Br.63983276 izdatog 21.09.2015. godine od strane Agencije za privredne registre Republike Srbije.

Podaci o sertifikatima, patentima i registrovanim zaštitnim znacima

Uređaj za razvoj koncentracija večnog života PRK-1U tri-mod je prošao kroz ispitivanja elektromagnetske kompatibilnosti u državnoj laboratoriji „Idvorski Laboratorije" (http://www.idvorsky.com), državne ustanove Institut „Mihajlo Pupin"(IMP) (http://www.pupin.rs/en/home/), koji je u nadležnosti Ministarstva nauke Srbije.
Ispitivanja uređaja za razvoj koncentracija večnog života PRK-1U tri-mod na elektromagnetsku kompatibilnost sprovedena u Idvorski Laboratorijama su u punoj saglasnosti sa Direktivom o elektromagnetskoj kompatibilnosti Evropske unije.
Zato dobijeni sertifikat o normalnim parametrima uređaja PRK-1U, koji su izdali Idvorski laboratorije po Direktivama Evropske unije u saglasnosti sa međunarodnim pravom, omogućava postavljanje CE znaka usaglašenosti na uređaj.

Idvorski laboratorije su ovlašćeni od Ministarstva privrede Republike Srbije da izdaju takve sertifikate za prodaju uređajâ sa karakteristikama koje su u okvirima direktiva Evropske Unije, zato u Evropskoj uniji nema ograničenja za korišćenje uređajâ PRK-1U.

Izveštaj od Idvorski laboratorija na engleskom jeziku o ispitivanjima uređaja za razvoj koncentracija večnog života PRK-1U tri-mod, sa zaključkom o tome, da su karakteristike ovog uređaja u saglasnosti sa standardima Evropske unije, priložen je u štampanoj formi u upakovanom paketu zajedno sa uređajem, i nalazi se na sajtu, koji je naznačen na poleđini uređaja, na stranici:
https://pr.grigori-grabovoi.world/images/PRK1U/Certificates/EMC_Test_Report_Idvorski_Lab_en.pdf

Uređaj za razvoj koncentracija večnog života PRK-1U tri-mod je prošao kompleksna ispitivanja sigurnosti u Laboratoriji ANL, sa dobijanjem sertifikata državnog Instituta za nuklearne nauke „Vinča" (https://www.vin.bg.ac.rs). U izveštaju na prvoj stranici se nalazi oznaka CE, koja se odnosi na ceo uređaj zajedno sa mrežnim utikačem za električno napajanje sa adapterom. Fotografija uređaja sa oznakom CE je na prvoj stranici dokumentacije izveštaja.

Izveštaj Laboratorije ANL na engleskom jeziku o ispitivanjima uređaja za razvoj koncentracija večnog života PRK-1U tri-mod, sa zaključkom o tome, da su karakteristike ovog uređaja u saglasnosti sa standardima Evropske unije, nalazi se na sajtu, koji je naznačen na poleđini uređaja, na stranici:
https://pr.grigori-grabovoi.world/images/PRK1U/Certificates/Test_Report_AN_LAB_CO.pdf

Sertifikati koji su dobijeni na osnovu datih izveštaja, dati su na stranici sajta:
https://pr.grigori-grabovoi.world/index.php/certificates-of-compliance-prk-1u

Grigorii Petrovich Grabovoi je dobio sledeći patent za svoj izum „Uređaj za razvoj koncentracija večnog života PRK-1U trorežimski“ od Zavoda za patente i žigove Sjedinjenih Država 19. novembra 2024. godine sa datumom prioriteta 9. jula 2018. godine. Informacije o patentu za izum na veb stranici Zavoda za patente i žigove Sjedinjenih Država: https://patentcenter.uspto.gov/applications/16504293.

Podaci o izumima, u saglasnosti sa kojima je izrađen uređaj, dati su na natpisu na uređaju sa brojevima patentne zaštite: «Manufactured under invention patents: US 12,144,599 B2; 2148845; 2163419.».

Uređaj se prozvodi pod registrovanim zaštitnim znacima GRABOVOI® i GRIGORI GRABOVOI®.

Podaci o operabilnosti uređaja

Po pitanju operabilnosti uređaja za razvoj koncentracija PRK-1U saopštava se da je operabilnost ovog uređaja za razvoj koncentracija večnog života objektivno utvrđena sledećim:

1. Fizičko-matematičkom teorijom, matematičkim proračunima, rezultatima eksperimenata, potvrđenim mnogobrojnim sastavom doktorâ fizičko-matematičkih i tehničkih nauka, koji ulaze u sastav uredničkog kolegijuma časopisa „Elektronska tehnika", i objavljenim u tom časopisu: https://licenzija8.wordpress.com/science/
2. Patentima za izume Grigorija Grabovoja: https://licenzija8.wordpress.com/patents/, https://grigori-grabovoi.tech/patents-sr
3. Video-protokolima ispitivanja uređaja sa dobrim sistemnim rezultatima, koja su sproveli bez izuzetka svi koji su upisani na ispitivanja, 128 učesnika ispitivanjâ: https://pr.grigori-grabovoi.world/index.php/technical-devices/video-testimonials
4. Potpisanim protokolima uspešnih ispitivanja uređaja: https://pr.grigori-grabovoi.world/index.php/technical-devices/video-testimonials
5. Periodom od preko četiri godine, sa stotinama testiranja i eksploatacija uređaja bez negativnih rezultata, sa mnogobrojnim pozitivnim rezultatima. https://grigori-grabovoi.tech/prk1u-results-sr

Rezultati primene uređaja za razvoj koncentracija večnog života PRK-1U

Kratki zbornik rezultata primene uređaja za razvoj koncentracija večnog života PRK-1U. Deo 1 i deo 2 se mogu preuzeti na linku:
https://pr.grigori-grabovoi.world/index.php/technical-devices/testimonies-prk-1u
http://educenter.grigori-grabovoi.world/course/index.php?categoryid=30

Rezultati primene uređaja prevedeni na razne jezike mogu se pročitati na linku
https://grigorigrabovoi.tech/prk1u-results-sr

Metodike rada sa uređajima za razvoj koncentracija večnog života PRK-1U

Metode primene se sastoje u tome, što se u intervalu vremena od 1 do 3 minuta, a po potrebi i više, sprovodi koncentracija po cilju upravljanja 1, 2, 3, 4, bez uključenog uređaja i sa uključenim uređajem. Rezultati se upoređuju s tačke gledišta efekta razvoja koncentracija koje obezbeđuju večni život. Taj efekat se primenjuje za razvoj koncentracija po navedenim upravljanjima putem višekratne primene uređaja.

1. Razvoj koncentracija večnog života za podmlađivanje.

Možete se koncentrisati na podmlađivanju sebe, zatim možete na podmlađivanju drugih. Ako smatrate da ste mladi i još uvek ne treba da se podmlađujete, tada treba da sprovodite koncentracije kao trening, kako biste u budućnosti, kada poželite da se podmlađujete, vi to već umeli da radite.

Metoda:

1.1. U datoj koncentraciji možete da predstavite željeni uzrast i za vreme koncentracija da ga osetite do nivoa realnog opažanja sebe u tom uzrastu.

1.2. U ovoj koncentraciji čak i mladi ljudi treba da se koncentrišu, zato što je to potrebno za ubuduće, da bi čovek mogao u bilo kom momentu da se podmladi. Odnosno, tome treba da se učimo u mladosti. U ovoj koncentraciji treba da usredsredite pažnju na kičmu. I kod kičme zamislite brojeve 498. Na taj način od sijanja tih brojeva se treba podmlađivati. To jest, svetlost od brojeva ide na kičmu i kroz kičmu se treba podmlađivati u potpunosti.

1.3. Iz prostora između sočiva izlazi materija večnog života koju generiše uređaj. Ona ide iz prostora između sočiva. Potrebno je da se MVŽ izvede na repnu kost kičme, kako bi MVŽ pošla naviše do mozga i istovremeno drugi deo materije iz malog sočiva treba kroz desno i levo oko da se spoji sa materijom iz repne kosti, kako bi bio zatvoren krug.

1.4. Potrebno je uraditi izvođenje materije večnog života iz sredine između sočiva, izvodi se direktno u mozak. Odatle u kičmenu moždinu (udova). I kroz nju u organizam na sve ćelije.

2. Razvoj koncentracija večnog života za bilo koji događaj.

1 Prvo se treba koncentrisati na lokalnom odeljku materije svog organizma, na primer radi normiranja.

Zatim možete takvu koncentraciju da sprovedete za druge.

Dalje se možete koncentrisati na bilo kom događaju.

2 U toj koncentraciji treba preneti kao nekakav elemenat svesti u beskonačnu budućnost i iz te beskonačne budućnosti videti, da ti događaji, koje ste odredili, oni su se realizovali. Na primer, kako vi gledate na prošlost i tamo su se realizovali vama potrebni događaji, to je isto - vi iz budućnosti gledate na prošlost, koja, iz budućnosti sadašnjost jeste prošlost. Ili budućnost, koja je dalje, takođe predstavlja - jedan elemenat budući, drugi za sledeći budući - je prošli. Saglasno, dobija se, da treba pogledati kao unazad. I iz beskonačne budućnosti pogledati unazad i videti, da su se realizovali događaji koje ste vi odredili.

3. Razvoj koncentracija večnog života za upravljačko jasnoviđenje.

Prvo treba primeniti upravljačko jasnoviđenje, razmotrivši u sadašnjem vremenu prostor iz koga ste izašli, ili u kome ste se nalazili nekoliko sati ranije.

Zatim možete primeniti upavljačko jasnoviđenje u odnosu na bilo koji događaj, poželjno je da stavite cilj upravljanja koji vam je zaista potreban u realizaciji.

Preporuke:

Za vreme pregleda događajâ primenom koncentracije upravljačkog jasnoviđenja istovremeno se mogu korigovati događaji ako je potrebno. Pošto se upravljačko jasnoviđenje razlikuje od običnog jasnoviđenja time, što se primenom upravljačkog jasnoviđenja istovremeno sa pregledom događajâ ostvaruje, ako je potrebno korigovanje događajâ za obezbeđivanje večnog života.

4. Razvoj koncentracija večnog života za upravljačko prognoziranje.

Pri upravljanju za upravljačko prognoziranje stavljate takođe cilj upravljanja – razviti uz pomoć uređaja svest i duh toliko, kako bi u perspektivi bilo moguće da postupate bez uređaja, primenjujući samo razvijene duh i svest.

Metoda:

U ovoj koncentraciji treba da razmotrite svoju beskonačnu budućnost, večnu budućnost, i da vidite u toj večnoj budućnosti, na primer, tako za milion godina, uopšte, u bilo kojoj tački beskonačne budućnosti da vidite konkretno nekakve svoje događaje. Šta konkretno vi radite tamo. I pri tome, treba da dijagnostikujete iz sadašnjeg vremena svoj ćelijski sastav, tj. ćelije organizma, funkcije organizma. Dijagnostikujete da je to sve normalno u toj beskonačnoj budućnosti. Bolje je stvoriti odmah normu u sadašnjem vremenu.

Druge metodike rada sa PRK-1U su na Internet na stranici
http://educenter.grigori-grabovoi.world/course/index.php?categoryid=29

Obrazloženje cene ugovora o podlicenci za PO sa PRK-1U

Prema ugovoru o podlicenci za predmet intelektualne svojine saopštava se: u pruženu na korišćenje intelektualnu svojinu spadaju:
- Svi materijali Programa Obuke na raznim jezicima na fleš memoriji;
- Montaža uređaja PRK-1U sa individualnim optičkim podacima;
- Ustupanje prava na korišćenje PRK-1U na 4 godine i duže na postojećem resursu ili uz ažuriranje nakon 4 godine prema dodatnom sporazumu;
- Ustupanje prava na korišćenje korisničkog naloga sa duplicirajućim i pojačavačkim uređajem PRK-1U na 4 godine;
- Ustupanje na 4 godine pristupa Biblioteci Obrazovnog Centra koja sadrži sve materijale Programa Obuke i u koju se stalno unose svi novi materijali G.P. Grabovoja.

Cena materijalâ unetih na fleš memoriju, po ceni po kojoj se oni nekoliko godina uspešno prodaju na Amazonu, u internet prodavnicama www.ggrig.com, www.grigiri-grabovoi.center, tj. realna tržišna vrednost materijalâ Programa Obuke iznosi 10280 eura (informacija je od 2016. godine, sada je cena materijala veća).

Izveštaji o prodaji sa Amazona
https://drive.google.com/file/d/1w2kNgyq_Ep0hxoGfm28fPrbz_WkrfDMu/view

Pristup Biblioteci Obrazovnog Centra na 4 godine procenjuje se uporednom cenom. Pošto prema prodajama ostvarenim na veb-sajtu www.grigori-grabovoi.world postoje podaci, da godišnja pretplata u Biblioteku Obrazovnog Centra iznosi 2500 eura, onda suma pretplate na 4 godine iznosi saglasno tome 10000 eura.

Fakture za uplatu pristupa biblioteci i izvod iz banke da su fakture plaćene
https://drive.google.com/file/d/1f0llsb0-zA578i8TRqAHv5j3no3dx653/view

Montaža uređaja PRK-1U sa individualnim optičkim podacima, ustupanje prava na korišćenje PRK-1U na 4 godine i duže, a takođe i ustupanje prava na korišćenje korisničkog naloga sa duplicirajućim i pojačavačkim uređajem PRK-1U na 4 godine uključuju uporedive troškove. Ti troškovi uključuju cenu koštanja rada na fizičko-

matematičkom računu, na programiranju, cenu koštanja sastavnih delova, cenu koštanja isporuke, montaže i drugih radova. Ukupno se dobija uporediva cena.
Na taj način za cenu ugovora se pruža paket sa vrednošću mnogo puta većom, uzimajući u obzir takođe stalna obnavljanja Biblioteke Obrazovnog Centra i mogućnost dodavanja modifikacija uređaja.

U skladu sa stručnim pristupom proceni intelektualne svojine B.B. Leontjeva, utvrđuje se sledeće:

Svaki predmet intelektualne svojine treba razumeti kao samostalan i integrisan u biznis sistem znanjâ. Svaki predmet intelektualne svojine sjedinjuje u sebi svojstva koja omogućavaju da se on izdvaja, ne samo po vrsti i kategoriji, na primer, intelektualna svojina, patent, know-how, regulisan članovima Građanskog zakonika prenos tehnolgoija, već takođe i da se on identifikuje sa pozicije pravne pripadnosti i sa uzimanjem u obzir ukupnih dobrobiti koje se od njega dobijaju. Bilo koji kvalitativni rezultat intelektualne delatnosti u sferi društvenih odnosa postaje predmet intelektualne svojine, koji ima, minimum, tri grupe kriterijuma: tehničke (ili umetničke), pravne i ekonomske.

Prvobitno se predmet intelektualne svojine karakteriše tehničkim kvalitativnim sadržajem, koji omogućava njegovu procenu s tačke gledišta funkcionalnog korišćenja. To su osnovna tehnička svojstva: funkcionalna primenljivost, trošenje, resurs. Primenljivost svih dela Grigorija Petroviča Grabovoja je dokazana rezultatima radova koji su protokolarno oformljeni i izloženi u knjigama u tri toma „Praksa upravljanja. Put spasenja”. Trošenja delâ Grigorija Petroviča Grabovoja s tačke gledišta njihovog ponovnog čitanja nema, jer postoje mnogobrojna svedočanstva da se pri ponovnom i višekratnom čitanju delâ Grigorija Petroviča Grabovoja dublje usvajaju tehnologije izložene u delima, i više od toga, na novi način se razume materijal. To se dešava u vezi sa ideologijom i praksom obezbeđivanja večnog života svima koje su založene u tekstove delâ Grigorija Petroviča Grabovoja, pri kojima delo donosi rezultat obezbeđivanja večnog života bez ograničenja u vremenu. Time je takođe dokazano da delâ Grigorija Petroviča Grabovoja imaju beskonačni resurs.

Primenljivost uređaja za razvoj koncentracija PRK-1U je utvrđena sledećim:
1. Podacima koji se nalaze u odeljku „Podaci o operabilnosti uređaja” u ovoj brošuri.

2. Trošenje uređaja za razvoj koncentracija PRK-1U u vezi sa korišćenim materijalima je neznatan.

3. Resurs uređaja za razvoj koncentracija PRK-1U je neograničen vremenski, jer uređaj razvija koncentracije bazirajući se na sadašnjem nivou razvoja koncentracija za vreme primenjivanja uređaja.

4. Dalje, predmet intelektualne svojine se karakteriše prostorno-vremenskim kriterijumima u sferi prava i ekonomije. Ekonomsko-pravni odnosi su ovde u uzajamnoj zavisnosti i razmatrati ih odvojeno je neprikladno.

U sferi prava prostornu karakteristiku predstavlja teritorija delovanja, vremensku - rok delovanja, koji određuju parametre civilnog prometa datog predmeta prava. Osnovnu pravnu karakteristiku predmeta svojine predstavlja kvalitet pravne zaštite, iz koje proističe potencijal kvalitativne zaštite. Što je kvalitetnije obezbeđena pravna zaštita, utoliko efektivnija može biti zaštita od nesavesnih korisnika tog predmeta svojine. Zaštita se zalaže u etapi stvaranja predmeta i pojačava se u etapi njegovog korišćenja. Ipak, najprivlačniji predmeti svojine se neretko moraju štititi od nasrtajâ već u etapi stvaranja, ali najčešće pak, u etapi korišćenja. Prostorno-vremenski režim obezbeđenosti i zaštite je

utoliko aktuelnije, što je kvalitetniji sadržaj samog predmeta svojine, to jest, što je efektivniji njegov tehnički sadržaj, koji je uvek primaran. Zato visokokvalifikovani inženjeri i naučnici moraju da rade u kontaktu sa visokokvalifikovanim specijalistima za patente, zastupnicima i pravnicima za patente, da bi visokom tehničkom kvalitetu odgovarao visok pravni kvalitet zaštite, koji se dodeljuje datom predmetu. Pravna podrška predmetu svojine, izražena režimima obezbeđenosti i zaštite predmeta, oličava u njemu ideju pravičnosti.

Kao što pokazuju činjenice, Grigorij Petrovič Grabovoj je uzimao u obzir izložene podatke štiteći svoju intelektualnu svojinu.

Dela Grigorija Petroviča Grabovoja su zaštićena registracijom u različitim strukturama za registraciju autorskog prava, uključujući Kancelariju za registraciju Autorskih prava Kongresne biblioteke SAD-a: TX 7-324-403 od 06.02.2008. godine, TXu 1-607-600 od 08.02.2008. godine, TX 7-049-203 od 12.02.2008. godine, TX 6-975-628 od 13.02.2008. godine (podaci na zvaničnom veb-sajtu na Internet mreži su dati u vidu: TX0006975628/2008-02-13), TXu 1- 789-751 od 25.07.2011. godine. Adresa zvaničnog veb-sajta, Kancelarije za Autorska prava Kongresne biblioteke SAD-a, koja sadrži registracione podatke: www.cocatalog.log.gov. Adresa Kancelarije za Autorska prava Kongresne biblioteke Sjedinjenih Američkih Drțava: Library of Congress United States, Copyright Office, 101 Independence Avenue SE Washington, DC 20559-6000.

Obrazac Ugovora o nalogu za pravo organizovanja ugovora o podlicenci za PO sa PRK-1U

UGOVOR O NALOGU broj _____ Beograd «_____»_____20____.	AGREEMENT OF AGENCY № _____ Belgrade «_____»_____20____.
Individualni preduzetnik «Grigorii Grabovoi PR KONSALTING TECHNOLOGIES OF ETERNAL DEVELOPMENT», koji obavlja svoju delatnot na osnovu potvrde o državnoj registraciji fizičkog lica Grigorii Grabovoi kao individualnog preduzetnika od 21. septembra 2015. godine broj 63983276 izdatog od strane Agencije za priredne registre Republike Srbije, u daljem tekstu «Davalac naloga», sa jedne strane, i _____ _____ _____ u daljem tekstu «Primalac naloga», sa druge strane, zajedno u daljem tekstu Strane, zaključili su ovaj građansko-pravni ugovor kako sledi:	Individual Entrepreneur “Grigorii Grabovoi PR KONSALTING TECHNOLOGIES OF ETERNAL DEVELOPMENT”, acting on the basis of the certificate of state registration of individual Grigorii Grabovoi as an individual entrepreneur of September 21, 2015 No. 63983276, issued by Business Registration Agency of the Republic of Serbia, hereinafter referred to as the “Principal” on the one hand, and _____ _____ _____ hereinafter referred to as the “Attorney”, on the other hand, collectively referred to as Parties, have concluded this civil Agreement as follows:
1. PREDMET UGOVORA	1. THE SUBJECT OF THE AGREEMENT
1.1. Davalac naloga daje nalog, a Primalac naloga se obavezuje da u ime Davaoca naloga izvrši sledeće:	1.1. The Principal entrusts and the attorney undertakes to perform on behalf of the Principal the following:
1.1.1. Da organizuje plasman i potpisivanje ugovoara o podlicenci za korišćenje Obrazovnog Programa po Učenju Grigorija Grabovoja sa uređajem za razvoj koncentracije PRK-1U.	1.1.1. Organize promotion and signing of the sublicense Agreement for the use of the Education Program on the Teachings of Grigori Grabovoi with Device of Development of Concentrations PRK-1U
1.1.2. Da vrši prevođenje, sprovodi testiranje PRK-1U, obavlja konsultacije sa Korisnikom podlicence do	1.1.2. Provide translation, testing of PRK-1U, consult the Sub-Licensee until fulfillment of the conditions of

ispunjenja uslova ugovora, da organizuje isplate.	the Agreement and arrange payments.
1.1.3. Da pronalazi fizička i pravna lica – potencijalne Korisnike podlicence preko Internet resursa i na druge načine.	1.1.3. Carry out searches for individuals and legal entities - potential Sub-Licensees through Internet resources and in other ways.
1.1.4. Da organizuje potpisivanje sa Davaocem naloga ugovora o podlicenci za korišćenje dela Grigorija Grabovoja za održavanje seminara po njima, njihovog izdavanja, za korišćenje njegovih robnih znakova GRABOVOI® i GRIGORI GRABOVOI®.	1.1.4. Organize the signing of sublicense agreements with the Principal on the use of the works of Grigori Grabovoi for conduction of seminars, publishing, and on the use of his trademarks GRABOVOI® and GRIGORI GRABOVOI®.
1.2. Da redovno i ažurno predaje izveštaje Davaocu naloga o svome tekućem radu i o rezultatima toga rada. Da za realizaciju ugovora o podlicenci snosi solidarnu odgovornost sa Davaocem naloga, koji nastupa kao Davalac podlicence, proporcionalnu isplatama Primaocu naloga.	1.2. Carry out regular and timely reporting to the Principal on the current activities and the results of these activities. Be held responsible, pro rata to the payments to the Attorney, for the implementation of the sublicense agreements jointly with the Principal acting as a Licensee.
2. PRAVA I OBAVEZE STRANA	2. RIGHTS AND OBLIGATIONS OF THE PARTIES
2.1. Davalac naloga zadržava pravo da sklapa ugovore o nalogu sa trećim licima.	2.1. The Principal reserves the right to enter into an agency contract with a third party.
2.2. Primalac naloga ima pravo da realizuje nalog koji mu je dat po ovom ugovoru na teritoriji zemalja Evropske Unije: Belgije, Federativne Republike Nemačke, Italije, Luksemburga, Holandije, Francuske, Velike Britanije, Danske, Irske, Grčke, Portugala, Španije, Austrije, Finske, Švedske, Mađarske, Kipra , Letonije, Latvije, Malte, Poljske, Slovačke, Slovenije, Češke, Estonije, Bugarske, Rumunije, Hrvatske, kao i Srbije, SAD, Južne Amerike, Indije, Japana, Kine i Australije.	2.2. The Attorney has the right to perform the assignment, given to him under this agreement, on the territory of the European Union: Belgium, the Federal Republic of Germany, Italy, Luxembourg, the Netherlands, France, Great Britain, Denmark, Ireland, Greece, Portugal, Spain, Austria, Finland, Sweden, Cyprus, Latvia, Lithuania, Malta, Poland, Slovakia, Slovenia, the Czech Republic, Estonia, Bulgaria, Romania and Croatia, as well as Serbia, the USA, South America, India, Japan, China and Australia.
2.3. Davalac naloga je obavezan da ako je to potrebno izda Primaocu naloga ovlašćenje za obavljanje radnji predviđenih tačkom 1.1 ovog ugovora.	2.3. The Principal is obliged to issue, if necessary, the power of attorney for the Attorney to carry out the actions provided for in paragraph 1.1 of this Agreement.
3. CENA USLUGA I NAČIN ISPLATE	3. COST OF SERVICES AND PAYMENT
3.1. Naknada Primaoca naloga iznosi 10% , porez i doprinosi uključeni, prihoda Davaoca naloga od svih ugovora o podlicenci, realizovanih preko Primaoca naloga. Isplata naknade vrši se posle ispunjenja uslova ugovora o podlicenci.	3.1. The Remuneration of the Attorney is 10% , all taxes included, of the income of the Principal, taxes included, for all carried out by the Attorney sublicense agreements. The payment of the remuneration is carried out in the case of fulfillment of the conditions of the sublicense agreement.
4. ROK VAŽENjA UGOVORA I NAČIN NjEGOVOG RASKIDA	4. TERM OF THE AGREEMENT AND ORDER OF ITS CANCELLATION
4.1. Ovaj Ugovor stupa na snagu od momenta njegovog zaključivanja i važi tri godine.	4.1. This Agreement shall enter into force upon its conclusion for the term of three years.
4.2. Ovaj ugovor može biti prevremeno raskinut prema zajedničkom sporazumu Strana, na zahtev jedne od Strana, ukoliko druga Strana suštinski prekrši ovaj ugovor i u drugim slučajevima, predviđenim važećim zakonima.	4.2. This Agreement may be prematurely terminated by mutual agreement of the Parties; at the request of one of the Parties; in case of material breach of this Agreement by the other Party; in other cases, stipulated by the current legislation.
5. ODGOVORNOST STRANA	5. RESPONSIBILITIES OF THE PARTIES
5.1. Pitanja nastala tumačenjem i primenom ovog ugovora koja nisu regulisana ovim ugovorom regulišu se na osnovu važećih zakona.	5.1. Issues arising from the interpretation and application of this Agreement that are not regulated by the Agreement shall be regulated on the basis of existing legislation.
5.2. Prilikom promene podataka, sedišta, bankarskih rekvizita svaka od strana je obavezna da drugu stranu o tome obavesti.	5.2. In case of the data, location, bank details changes, each Party is obliged to report it.
5.3. Bilo kakve izmene ili dopune uz ovaj ugovor smatraju se važećim ako su sačinjene u pismenoj formi i ako su ih	5.3. Any changes or additions to this agreement shall be valid if made in writing and signed by the

potpisali ovlašćeni predstavnici Strana.	authorized representatives of the Parties.
5.4. Uslovi ovog ugovora i dopunskih sporazuma uz njega predstavljaju poslovnu tajnu.	5.4. The terms of this Agreement and additional agreements are confidential.
5.5. Posle potpisivanja ugovora sva prepiska i svi pregovori i sporazumi gube svoju pravnu snagu, ako u ovom ugovoru nema pozivanja na njih.	5.5. After signing of the Agreement all correspondence and all negotiations and agreements lose their validity if they are not referred to in this Agreement.
5.6. Ugovor je sačinjen u dva primerka od kojih svaki ima jednaku pravnu snagu. Jedan primerak se nalazi kod Davaoca naloga, a drugi kod Primaoca naloga.	5.6. The Agreement is made in two copies, each having equal legal force, one of which Shall be kept by the Principal, the second one by the Attorney.
6. ADRESE, REKVIZITI I POTPISI STRANA	6. ADDRESSES, DETAILS AND SIGNATURES OF THE PARTIES
Davalac naloga:	The Principal:
Individualni preduzetnik Grigorii Grabovoi PR KONSALTING TECHNOLOGIES OF ETERNAL DEVELOPMENT	Individual Entrepreneur Grigorii Grabovoi PR KONSALTING TECHNOLOGIES OF ETERNAL DEVELOPMENT
Adresa:	Address:
11102, Ulica Kneza Mihaila 21A, lok.113, Beograd, Srbija	11102, Ulica Kneza Mihaila 21A, lok.113, Belgrade, Serbia
E-mail: grigorii.grabovoi.pr@gmail.com	E-mail: grigorii.grabovoi.pr@gmail.com
Skype:	Skype:
Rekviziti banke:	Bank details:
_____ _____ _____ _____	_____ _____ _____ _____
Primalac naloga:	The Attorney:
_____ _____ _____	_____ _____ _____
Adresa:	Address:
_____ _____ _____	_____ _____ _____
E-mail:	E-mail:
Skype:	Skype:
Pasoš:	Passport:
_____ _____	_____ _____
Rekviziti banke:	Bank details:
_____ _____ _____ _____	_____ _____ _____ _____
POTPISI STRANA:	SIGNATURES OF THE PARTIES:
Davalac naloga:	The Principal:
_____ /Grigorii Grabovoi/	_____ /Grigorii Grabovoi/
Primalac naloga:	The Attorney:
_____ / _____ /	_____ / _____ /

Uređaj PRK-1U i povezani sa njime danonoćni individualni korisnički nalog mogu koristiti za testiranje i primenjivanje uređaja tokom 90 minuta osobe koje nisu na spisku Podlicenzenata. Ali pri tome treba 3 dana pre testiranja saopštavati o učesnicima na e-mail: grigorii.grabovoi.pr@gmail.com (pošaljite kopiju pisma na e-mail grigorii.grabovoi.pr2@gmail.com).
Neophodno je dostavljati puno ime i prezime učesnika, datum rođenja i datum sprovođenja testiranja.

Finansijski uslovi dugotrajnog testiranja se mogu saznati slanjem zahteva na e-mail adresu: grigorii.grabovoi.pr@gmail.com. Testiranja do 8 minuta se mogu sprovoditi bez plaćanja. Testiranja i primenjivanja uređaja koja se plaćaju i koja su besplatna se mogu sprovoditi za ciljeve pružanja korišćenja uređaja drugim ljudima, promovisanja i zaključivanja podlicencnih ugovora za korišćenje Programa Obuke sa PRK-1U.

Fotokopije patenta „Način sprečavanja katastrofa i uređaj za njegovo ostvarivanje“ i patenta „Sistem prenosa informacije“

РОССИЙСКАЯ ФЕДЕРАЦИЯ

ПАТЕНТ

НА ИЗОБРЕТЕНИЕ

№ 2148845

Российским агентством по патентам и товарным знакам на основании Патентного закона Российской Федерации, введенного в действие 14 октября 1992 года, выдан настоящий патент на изобретение

СПОСОБ ПРЕДОТВРАЩЕНИЯ КАТАСТРОФ И УСТРОЙСТВО ДЛЯ ЕГО ОСУЩЕСТВЛЕНИЯ

Патентообладатель(ли):

Грабовой Григорий Петрович

по заявке № 99120836, дата поступления: 07.10.1999

Приоритет от 07.10.1999

Автор(ы) изобретения:

Грабовой Григорий Петрович

Патент действует на всей территории Российской Федерации в течение 20 лет с **7 октября 1999 г.** при условии своевременной уплаты пошлины за поддержание патента в силе

Зарегистрирован в Государственном реестре изобретений Российской Федерации

г. Москва, ***10 мая 2000 г.***

Генеральный директор

А.Д. Корчагин

РОССИЙСКАЯ ФЕДЕРАЦИЯ

ПАТЕНТ

НА ИЗОБРЕТЕНИЕ

№ 2163419

Российским агентством по патентам и товарным знакам на основании Патентного закона Российской Федерации, введенного в действие 14 октября 1992 года, выдан настоящий патент на изобретение

СИСТЕМА ПЕРЕДАЧИ ИНФОРМАЦИИ

Патентообладатель(ли):

Грабовой Григорий Петрович

по заявке № 2000117595, дата поступления: 06.07.2000

Приоритет от 06.07.2000

Автор(ы) изобретения:

Грабовой Григорий Петрович

Патент действует на всей территории Российской Федерации в течение 20 лет с **6 июля 2000 г.** при условии своевременной уплаты пошлины за поддержание патента в силе

Зарегистрирован в Государственном реестре изобретений Российской Федерации

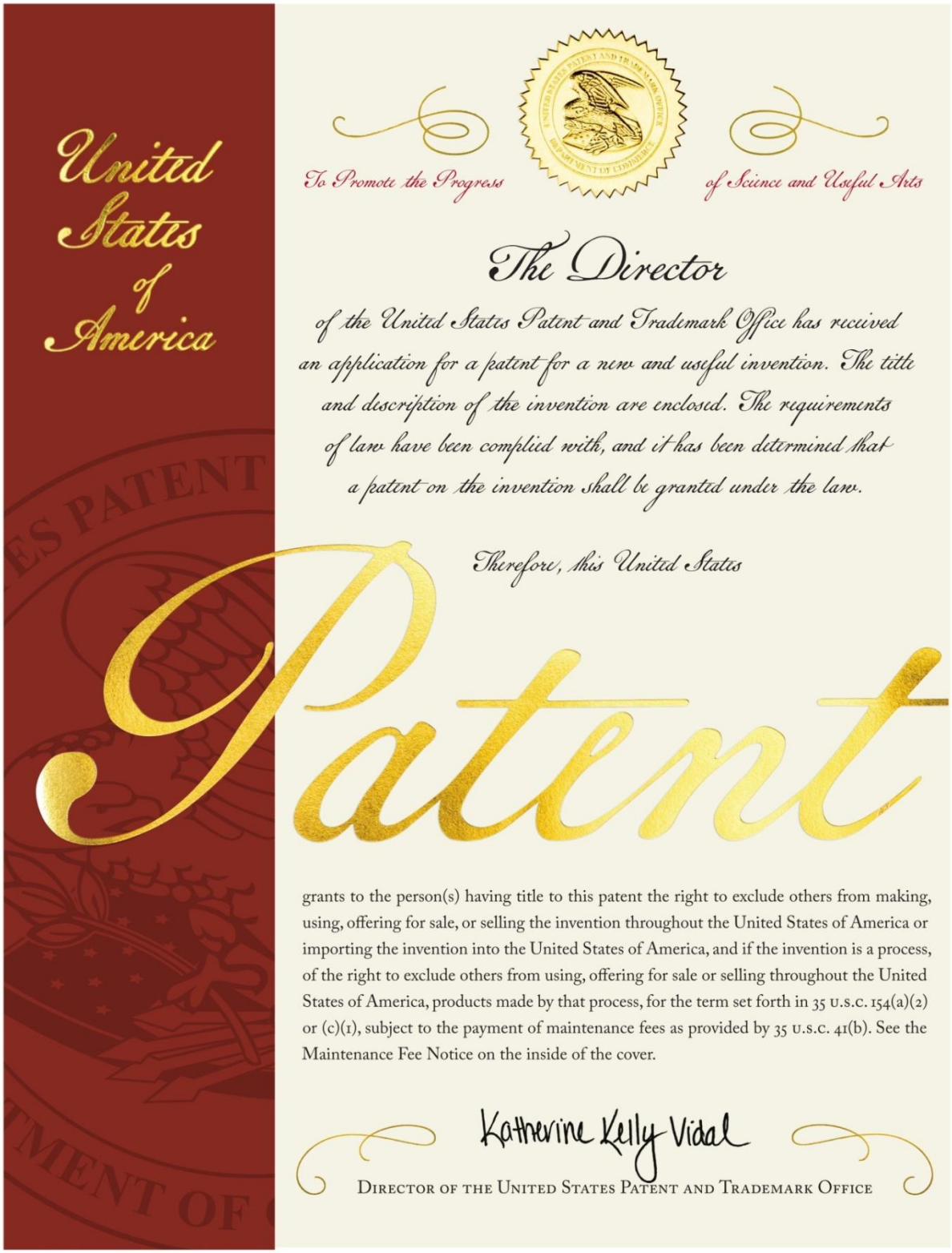
г. Москва, ***20 февраля 2001 г.***

Генеральный директор

А.Д. Корчагин

Detaljna informacija o patentima sa opisom postavljena je na veb-sajtu https://licenzija8.wordpress.com/patents/

Patent „Uređaj za razvoj koncentracija večnog života PRK-1U trorežimski“



United States of America

To Promote the Progress of Science and Useful Arts

The Director

of the United States Patent and Trademark Office has received an application for a patent for a new and useful invention. The title and description of the invention are enclosed. The requirements of law have been complied with, and it has been determined that a patent on the invention shall be granted under the law.

Therefore, this United States

Patent

grants to the person(s) having title to this patent the right to exclude others from making, using, offering for sale, or selling the invention throughout the United States of America or importing the invention into the United States of America, and if the invention is a process, of the right to exclude others from using, offering for sale or selling throughout the United States of America, products made by that process, for the term set forth in 35 U.S.C. 154(a)(2) or (c)(1), subject to the payment of maintenance fees as provided by 35 U.S.C. 41(b). See the Maintenance Fee Notice on the inside of the cover.

Katherine Kelly Vidal

DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

Maintenance Fee Notice

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If the application for this patent was filed on or after June 8, 1995, the term of this patent begins on the date on which this patent issues and ends twenty years from the filing date of the application or, if the application contains a specific reference to an earlier filed application or applications under 35 U.S.C. 120, 121, 365(c), or 386(c), twenty years from the filing date of the earliest such application ("the twenty-year term"), subject to the payment of maintenance fees as provided by 35 U.S.C. 41(b), and any extension as provided by 35 U.S.C. 154(b) or 156 or any disclaimer under 35 U.S.C. 253.

If this application was filed prior to June 8, 1995, the term of this patent begins on the date on which this patent issues and ends on the later of seventeen years from the date of the grant of this patent or the twenty-year term set forth above for patents resulting from applications filed on or after June 8, 1995, subject to the payment of maintenance fees as provided by 35 U.S.C. 41(b) and any extension as provided by 35 U.S.C. 156 or any disclaimer under 35 U.S.C. 253.

Form **PTO-377C** (Rev 09/17)

US012144599B2

(12) **United States Patent**
Grabovoi

(10) **Patent No.: US 12,144,599 B2**
(45) **Date of Patent: Nov. 19, 2024**

(54) **DEVICE OF DEVELOPMENT OF CONCENTRATIONS OF ETERNAL LIFE PRK-1U IS OF THREE-MODES**

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(72) Inventor: **Grigorii Petrovich Grabovoi**, Belgrade (RS)

(*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 718 days.

(21) Appl. No.: **16/504,293**

(22) Filed: **Jul. 7, 2019**

(65) **Prior Publication Data**

US 2020/0008700 A1 Jan. 9, 2020

Related U.S. Application Data

(60) Provisional application No. 62/695,756, filed on Jul. 9, 2018.

(51) **Int. Cl.**

A61B 5/05	(2021.01)
A61B 5/00	(2006.01)
A61M 21/00	(2006.01)
G09B 19/00	(2006.01)

(52) **U.S. Cl.**

CPC ***A61B 5/05*** (2013.01); ***A61B 5/0059*** (2013.01); ***G09B 19/00*** (2013.01); *A61M 21/00* (2013.01)

(58) **Field of Classification Search**

CPC ... A61B 5/05–055; A61B 5/168; A61B 5/486; A61B 5/4064; A61B 5/4854; A61B 5/242; A61M 21/00–02; A61M 2205/3303–3306; A61M 2205/583; A61M 2230/00

See application file for complete search history.

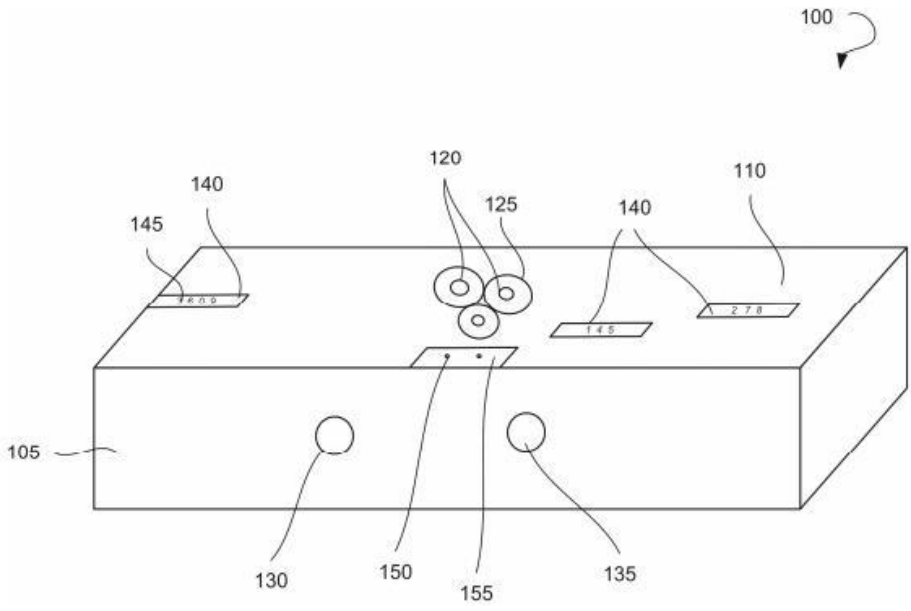
Primary Examiner — Thaddeus B Cox

(74) *Attorney, Agent, or Firm* — Georgiy L. Khayet

(57) **ABSTRACT**

Devices and methods for development of concentration are described herein. A three-mode device for development of concentration may include an optical sensing unit. The optical sensing unit may include a plurality of sensitive elements configured to sense a signal provided by a user. The signal may be associated with a plurality of electromagnetic fields. The plurality of sensitive elements may be configured to impose the plurality of electromagnetic fields onto each other to obtain an outgoing signal. The device may further include an optical emitting unit configured to emit the outgoing signal and one or more lenses for focusing concentration of the user. The one or more lenses may be associated with the optical sensing unit. The device may further include two switches for switching between a plurality of operation modes and a lighting unit to indicate each of the plurality of operation modes by emitting a predetermined light signal.

15 Claims, 10 Drawing Sheets



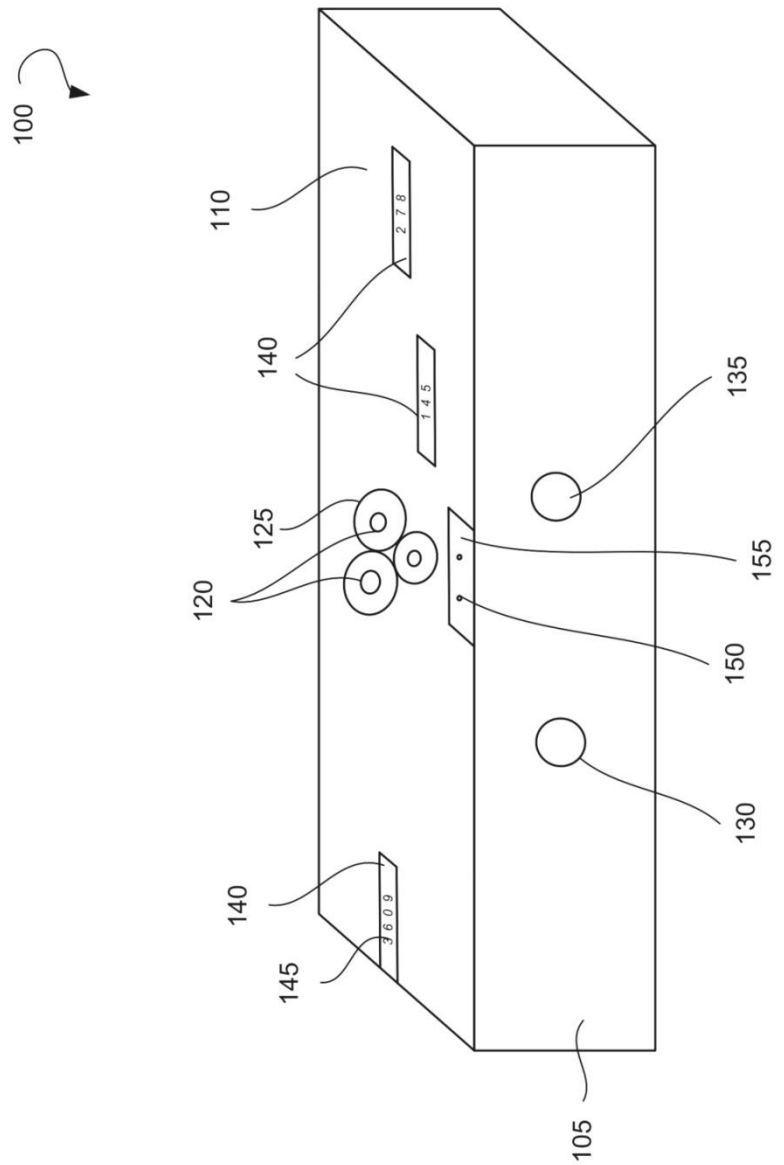


FIG. 1

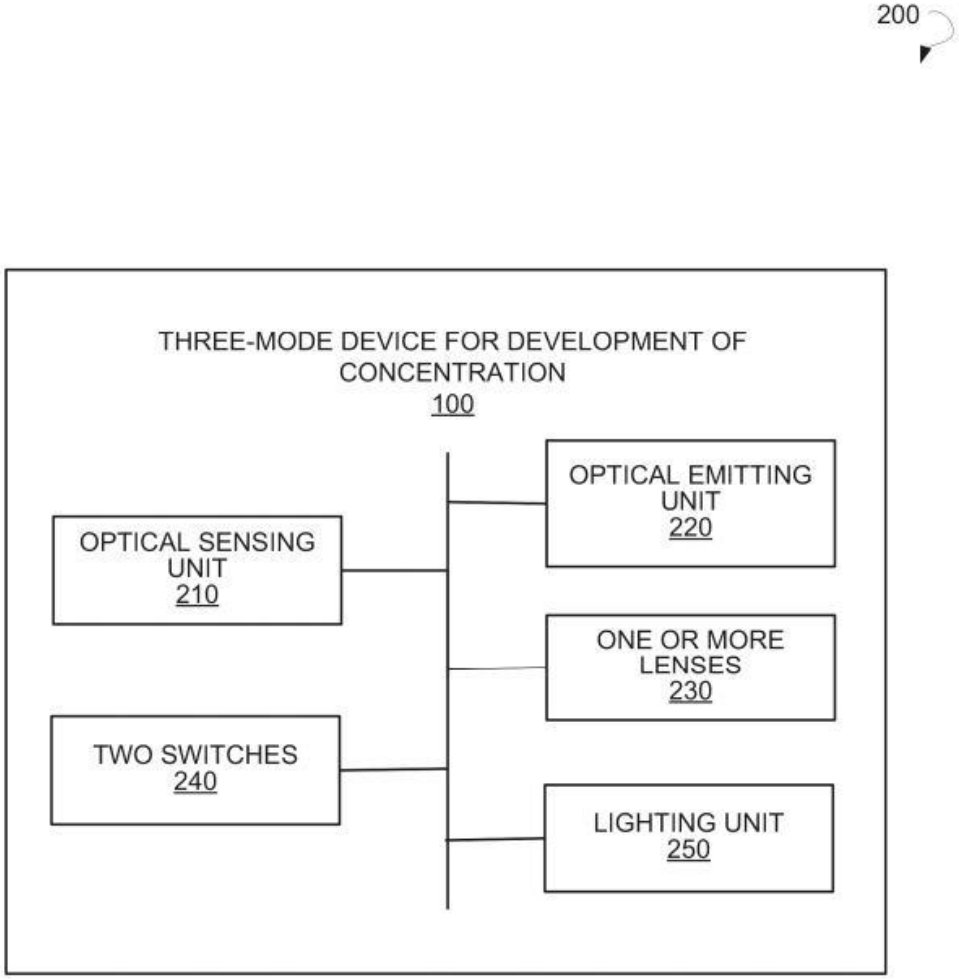

200
THREE-MODE DEVICE FOR DEVELOPMENT OF CONCENTRATION
100
OPTICAL SENSING UNIT
210
TWO SWITCHES
240
OPTICAL EMITTING UNIT
220
ONE OR MORE LENSES
230
LIGHTING UNIT
250

FIG. 2

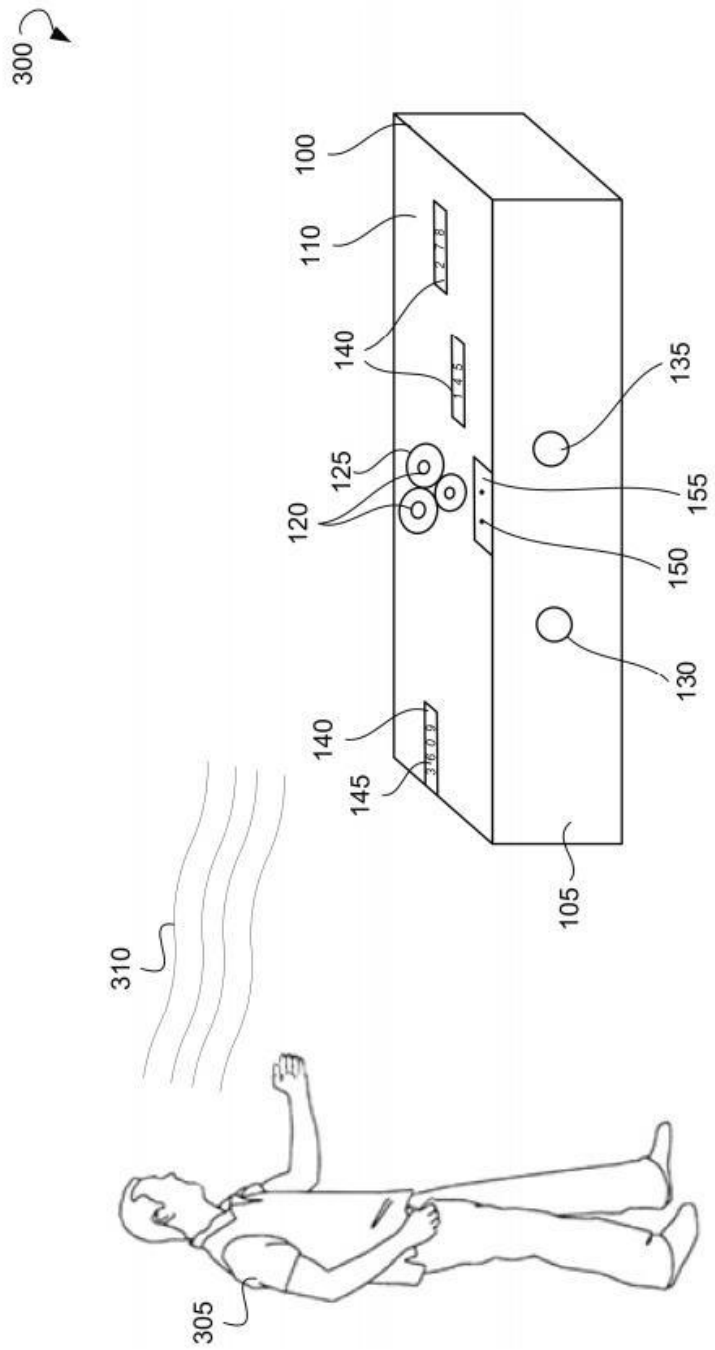


FIG. 3

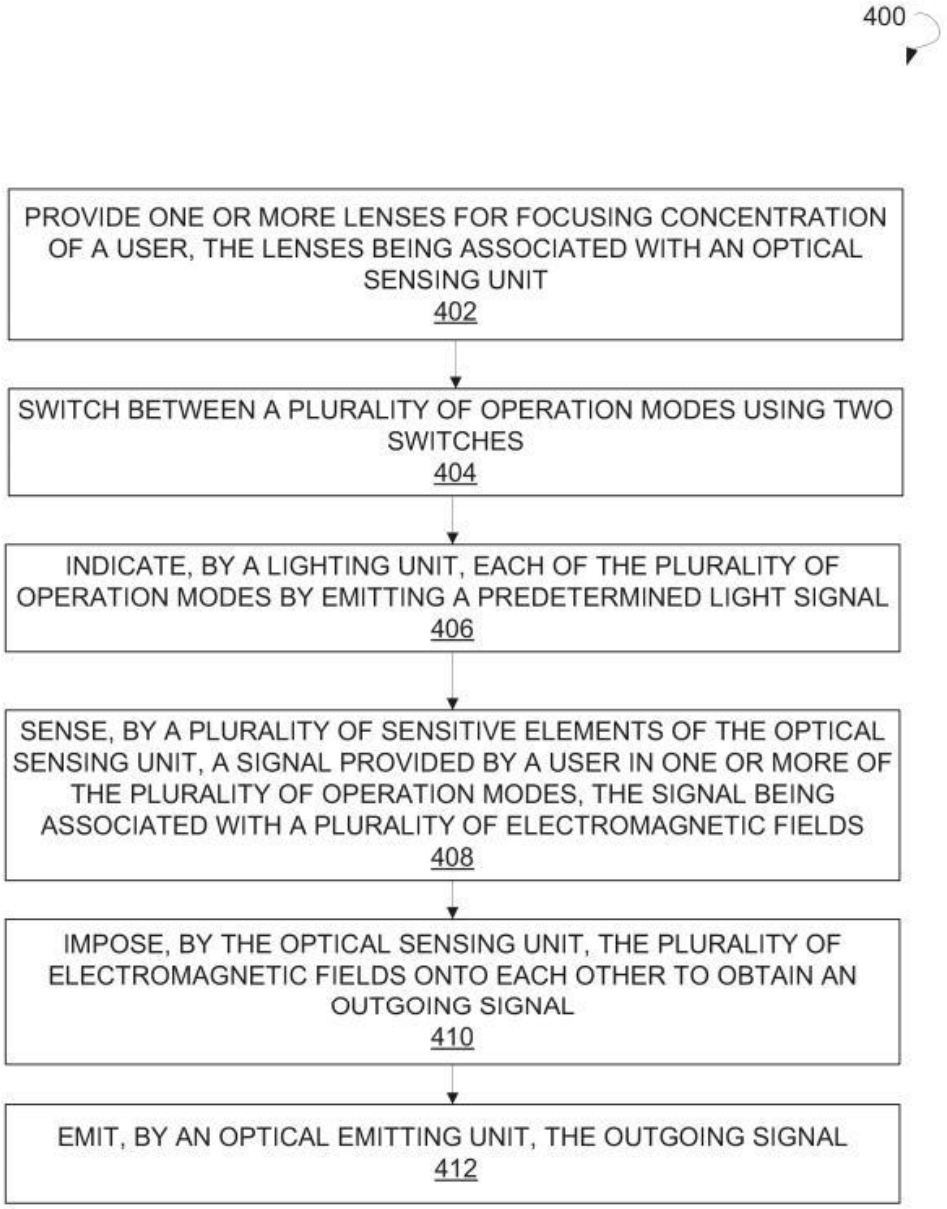

400
PROVIDE ONE OR MORE LENSES FOR FOCUSING CONCENTRATION OF A USER, THE LENSES BEING ASSOCIATED WITH AN OPTICAL SENSING UNIT
402
SWITCH BETWEEN A PLURALITY OF OPERATION MODES USING TWO SWITCHES
404
INDICATE, BY A LIGHTING UNIT, EACH OF THE PLURALITY OF OPERATION MODES BY EMITTING A PREDETERMINED LIGHT SIGNAL
406
SENSE, BY A PLURALITY OF SENSITIVE ELEMENTS OF THE OPTICAL SENSING UNIT, A SIGNAL PROVIDED BY A USER IN ONE OR MORE OF THE PLURALITY OF OPERATION MODES, THE SIGNAL BEING ASSOCIATED WITH A PLURALITY OF ELECTROMAGNETIC FIELDS
408
IMPOSE, BY THE OPTICAL SENSING UNIT, THE PLURALITY OF ELECTROMAGNETIC FIELDS ONTO EACH OTHER TO OBTAIN AN OUTGOING SIGNAL
410
EMIT, BY AN OPTICAL EMITTING UNIT, THE OUTGOING SIGNAL
412

FIG. 4

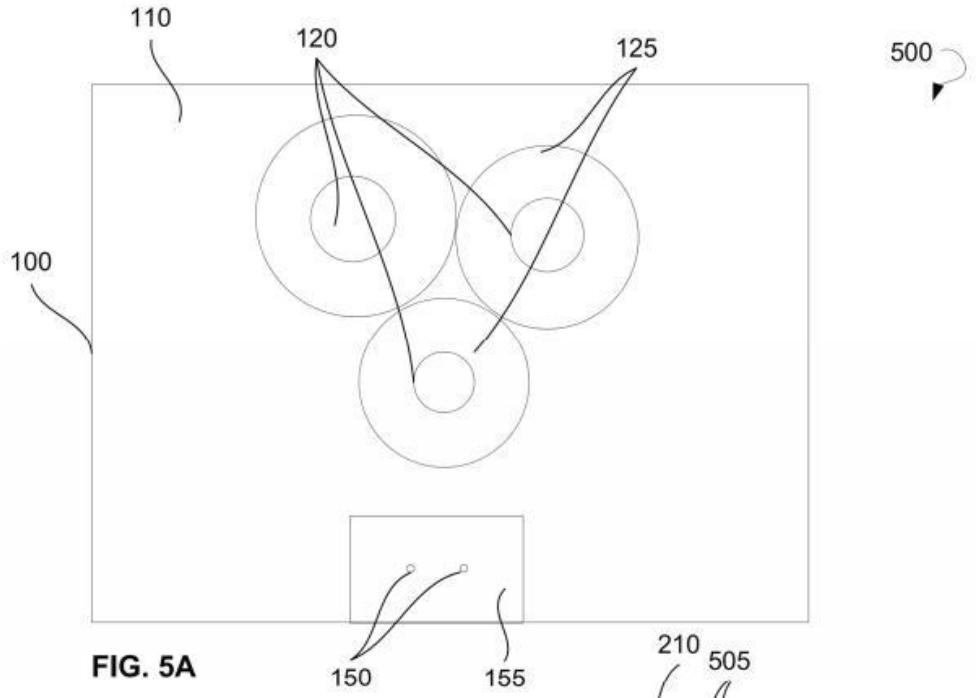


FIG. 5A

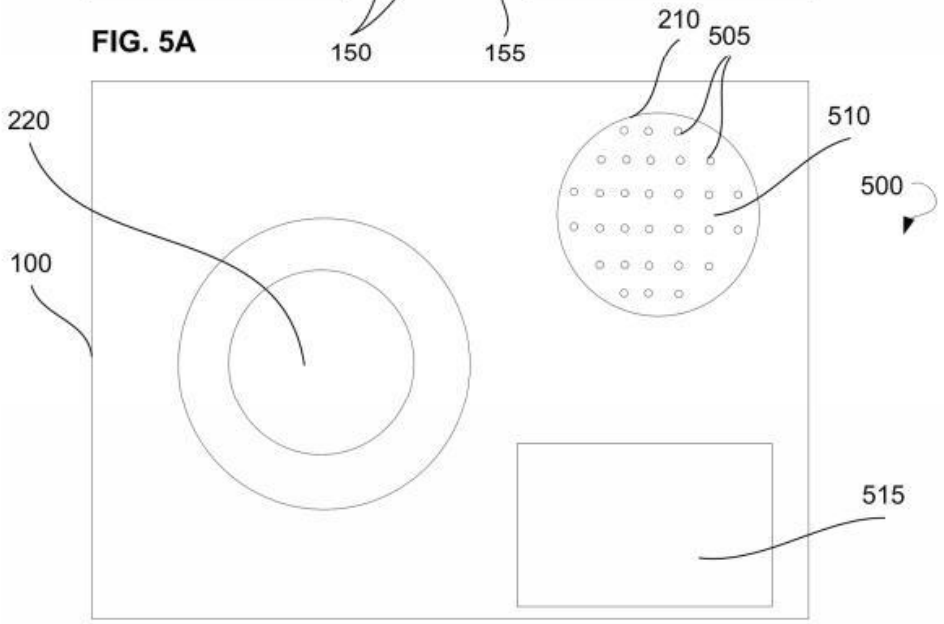


FIG. 5B

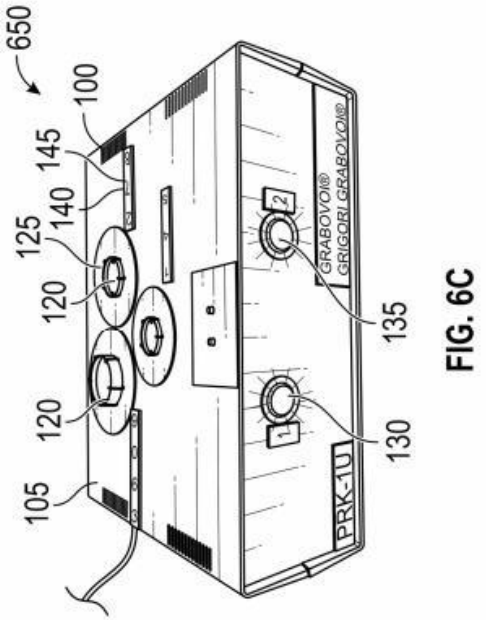


FIG. 6C

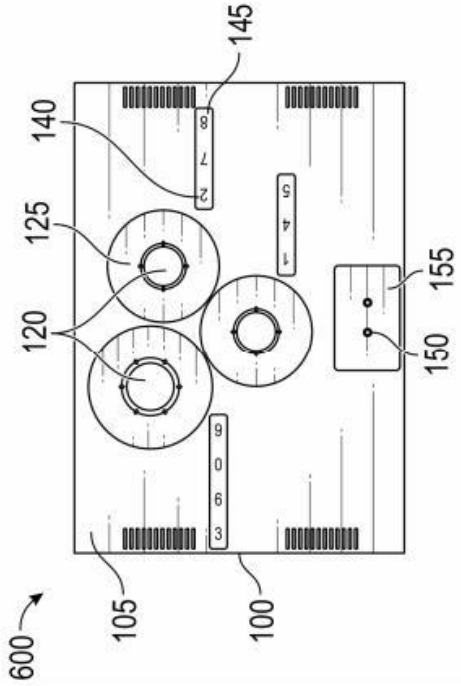


FIG. 6A

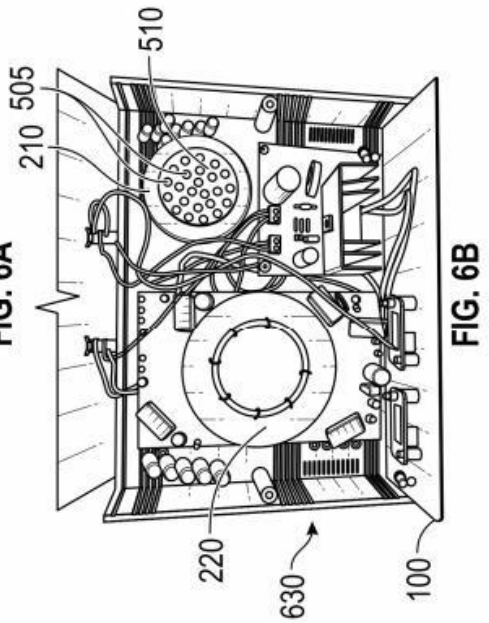


FIG. 6B

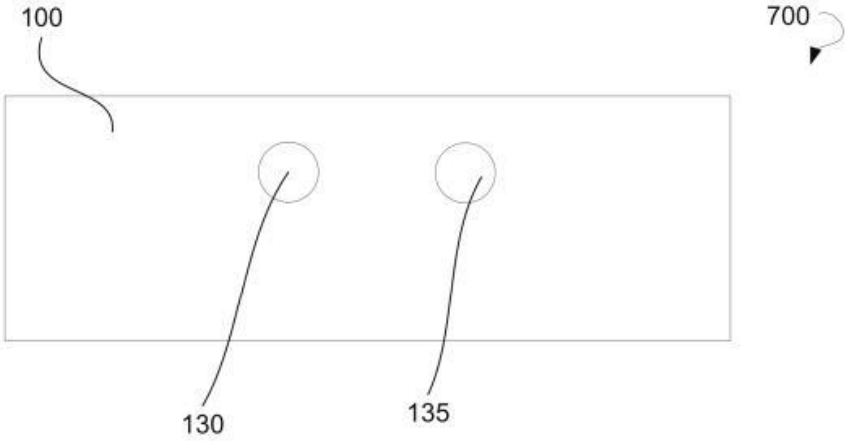


FIG. 7A

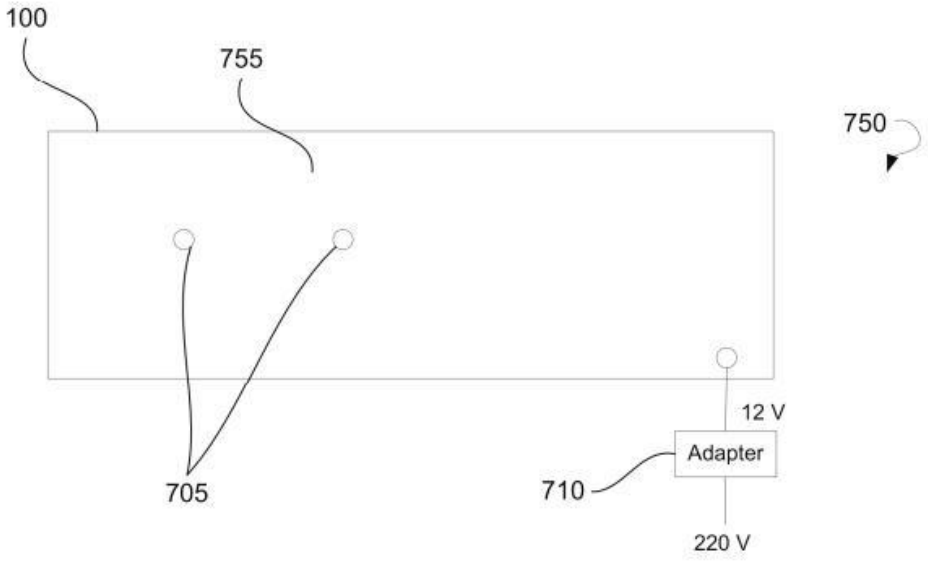


FIG. 7B

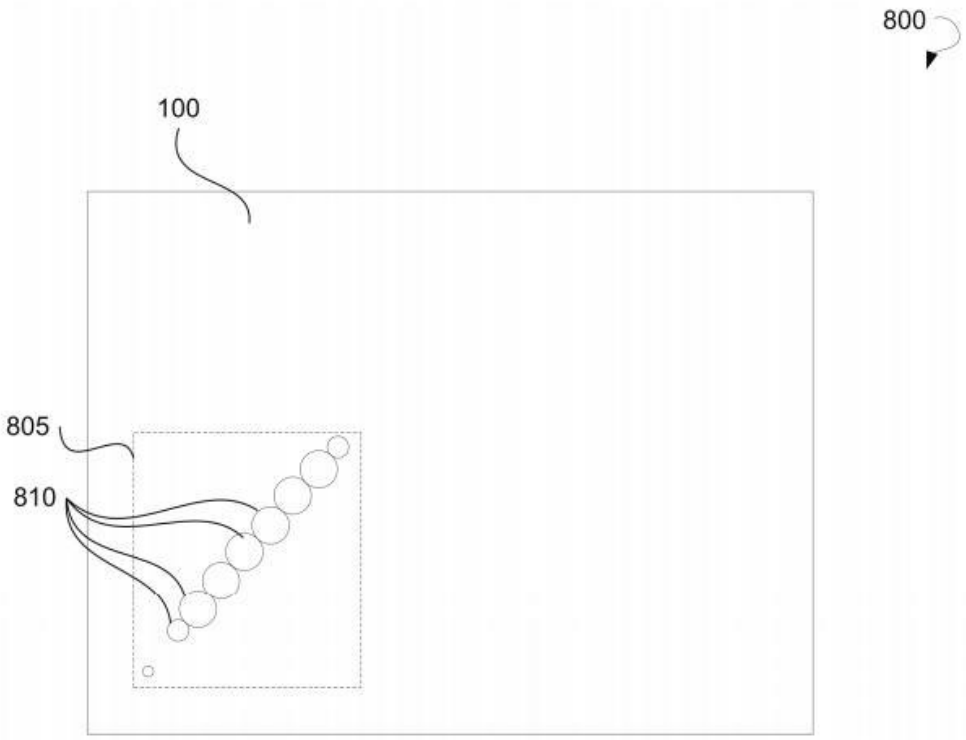


FIG. 8

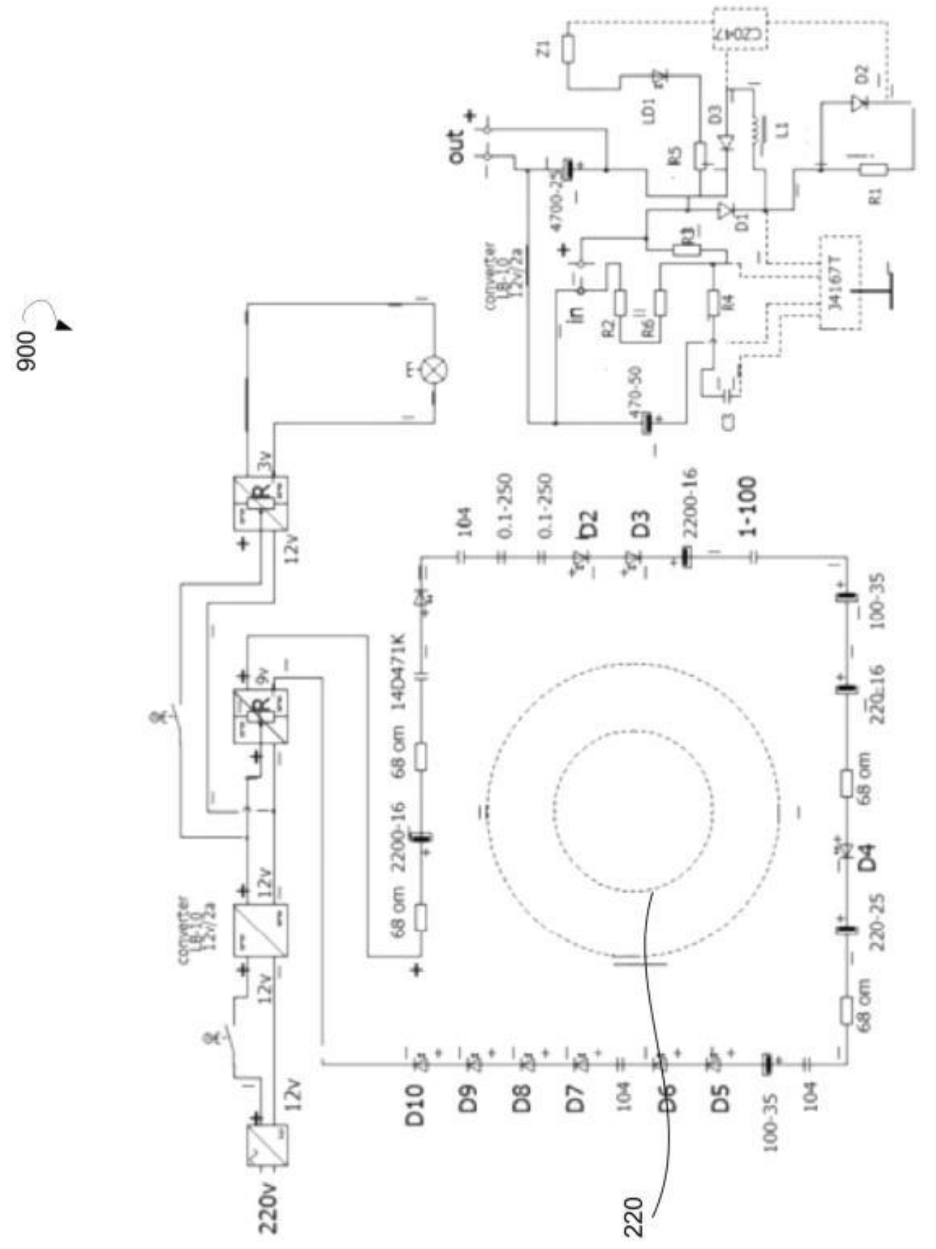

900
220v
12V
converter
LB-10
12V/2a
3V
9V
out
In
4700-25
470-50
J4167T
CZ047
Z1
LD1
D1
D2
D3
D4
D5
D6
D7
D8
D9
D10
R1
R2
R3
R4
R5
R6
L1
C1
104
0.1-250
2200-16
1-100
100-35
220-16
220-25
68 om
14D471K
220

FIG. 9

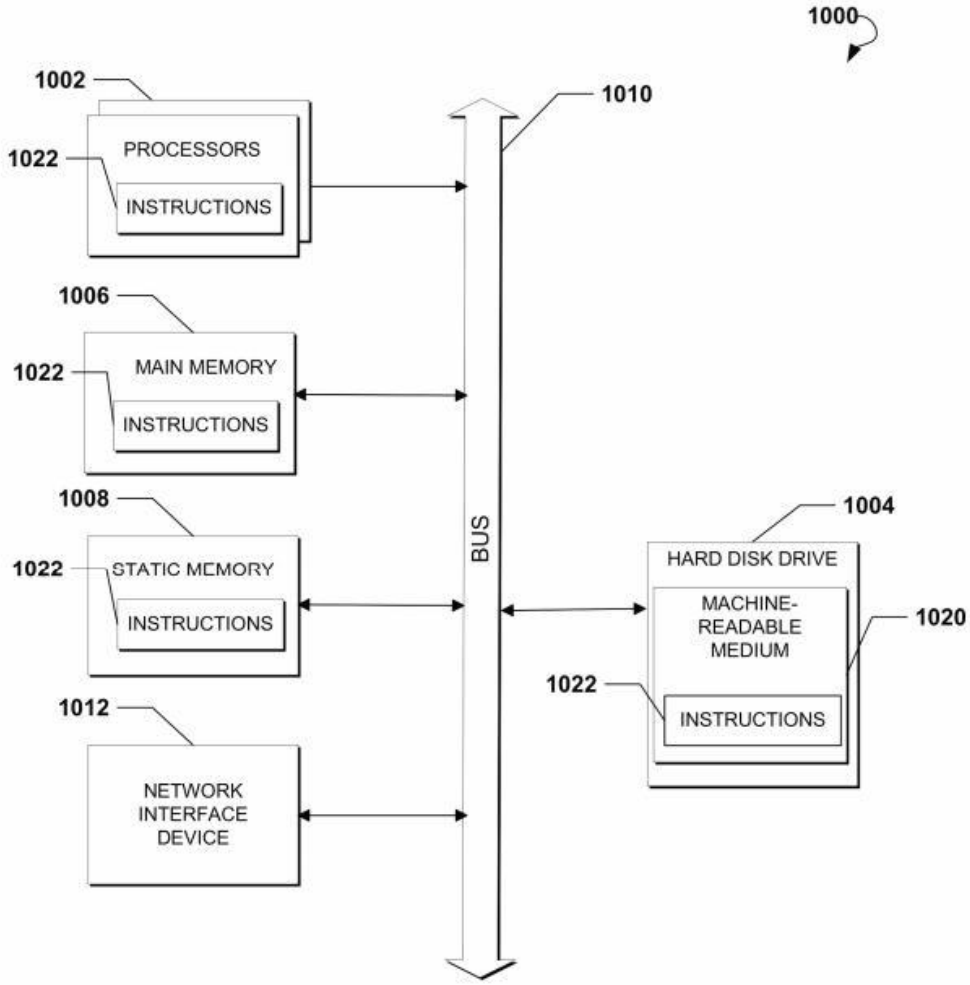

1000
1002
PROCESSORS
1022
INSTRUCTIONS
1010
1006
MAIN MEMORY
1022
INSTRUCTIONS
1008
STATIC MEMORY
1022
INSTRUCTIONS
BUS
1004
HARD DISK DRIVE
MACHINE-READABLE MEDIUM
1020
1022
INSTRUCTIONS
1012
NETWORK INTERFACE DEVICE

FIG. 10

DEVICE OF DEVELOPMENT OF CONCENTRATIONS OF ETERNAL LIFE PRK-1U IS OF THREE-MODES

CROSS-REFERENCE TO RELATED APPLICATIONS

This application claims priority of U.S. Provisional Patent Application No. 62/695,756 filed on Jul. 9, 2018, entitled "DEVICE OF DEVELOPMENT OF CONCENTRATIONS OF ETERNAL LIFE PRK-1U IS OF THREE-MODES," which is incorporated herein by reference in its entirety.

TECHNICAL FIELD

The present disclosure relates generally to optical devices and, more specifically, to a device for developing concentration.

BACKGROUND

The approaches described in this section could be pursued but are not necessarily approaches that have previously been conceived or pursued. Therefore, unless otherwise indicated, it should not be assumed that any of the approaches described in this section qualify as prior art merely by virtue of their inclusion in this section.

The variety of devices for sensing and/or determining physical and physiological parameters of a human body increases rapidly. However, the list of vital signs that may be sensed by such devices is mostly limited to a heart rate, blood pressure, blood oxygen level, blood sugar level, body temperature, and some other parameters. Meanwhile, it is generally known that cells of a human body, e.g., neurons, produce electrical activity. In particular, nerve impulses generated by neurons are electrical signals that create electromagnetic fields of the human body. Furthermore, some fluids of the human body are known to act as electrolytes and the flow of such fluids may generate fluctuating electromagnetic fields in the human body. However, conventional electromagnetic sensors are not intended for detecting the electromagnetic fields of the human body and are unable to transform electromagnetic signals emitted by the human body.

SUMMARY

This summary is provided to introduce a selection of concepts in a simplified form that are further described below in the Detailed Description. This summary is not intended to identify key features or essential features of the claimed subject matter, nor is it intended to be used as an aid in determining the scope of the claimed subject matter.

Provided are devices and methods for development of concentration. In some example embodiments, a three-mode device for development of concentration may include an optical sensing unit. The optical sensing unit may include a plurality of sensitive elements. The plurality of sensitive elements may be configured to sense, in one or more of a plurality of operation modes, a signal provided by a user. The signal may be associated with a plurality of electromagnetic fields. The plurality of sensitive elements may be configured to impose, based on the signal, the plurality of electromagnetic fields onto each other to obtain an outgoing signal. The three-mode device for development of concentration may further include an optical emitting unit configured to emit the outgoing signal and one or more lenses for focusing concentration of the user. The one or more lenses may be associated with the optical sensing unit. The three-mode device for development of concentration may further include two switches for switching between the plurality of operation modes and a lighting unit to indicate each of the plurality of operation modes by emitting a predetermined light signal.

A method for development of concentration may commence with providing one or more lenses for focusing the concentration of a user. The one or more lenses may be associated with an optical sensing unit. The method may further include switching between a plurality of operation modes using two switches and indicating, by a lighting unit, each of the plurality of operation modes by emitting a predetermined light signal. The method may continue with sensing, by a plurality of sensitive elements of the optical sensing unit, in one or more of the plurality of operation modes, a signal provided by the user. The signal may be associated with a plurality of electromagnetic fields. The method may continue with imposing, by the optical sensing unit, based on the signal, the plurality of electromagnetic fields onto each other to obtain an outgoing signal. The method may further include emitting, by an optical emitting unit, the outgoing signal.

Additional objects, advantages, and novel features will be set forth in part in the detailed description section of this disclosure, which follows, and in part will become apparent to those skilled in the art upon examination of this specification and the accompanying drawings or may be learned by production or operation of the example embodiments. The objects and advantages of the concepts may be realized and attained by means of the methodologies, instrumentalities, and combinations particularly pointed out in the appended claims.

BRIEF DESCRIPTION OF THE DRAWINGS

Embodiments are illustrated by way of example and not limitation in the figures of the accompanying drawings, in which like references indicate similar elements and in which:

FIG. **1** illustrates a general perspective view of a three-mode device for development of concentration, in accordance with an example embodiment.

FIG. **2** is a block diagram showing various modules of a three-mode device for development of concentration, in accordance with an example embodiment.

FIG. **3** is a schematic diagram illustrating development of concentration of a user using a three-mode device for development of concentration, in accordance with an example embodiment.

FIG. **4** is a flow chart illustrating a method for development of concentration, in accordance with an example embodiment.

FIG. **5**A is a schematic diagram illustrating a top view of a three-mode device for development of concentration when a cover is in a closed state, according to an example embodiment.

FIG. **5**B is a schematic diagram illustrating a top view of a three-mode device for development of concentration when a cover is in an open state, according to an example embodiment.

FIG. **6**A shows a top view of a three-mode device for development of concentration when a cover is in a closed state, according to an example embodiment

FIG. **6B** shows a top view of a three-mode device for development of concentration when a cover is in an open state, according to an example embodiment.

FIG. **6C** shows a general perspective view of a three-mode device for development of concentration, according to an example embodiment.

FIG. **7A** shows a front view of a three-mode device for development of concentration, according to an example embodiment.

FIG. **7B** is a rear view of a three-mode device for development of concentration, according to an example embodiment.

FIG. **8** shows a top view of a three-mode device for development of concentration, according to an example embodiment.

FIG. **9** is a schematic illustration showing elements of a three-mode device for development of concentration, according to an example embodiment.

FIG. **10** shows a computing system that can be used to implement a method for development of concentration, according to an example embodiment.

DETAILED DESCRIPTION

The following detailed description includes references to the accompanying drawings, which form a part of the detailed description. The drawings show illustrations in accordance with exemplary embodiments. These exemplary embodiments, which are also referred to herein as "examples," are described in enough detail to enable those skilled in the art to practice the present subject matter. The embodiments can be combined, other embodiments can be utilized, or structural, logical, and electrical changes can be made without departing from the scope of what is claimed. The following detailed description is, therefore, not to be taken in a limiting sense, and the scope is defined by the appended claims and their equivalents. In this document, the terms "a" and "an" are used, as is common in patent documents, to include one or more than one. In this document, the term "or" is used to refer to a nonexclusive "or," such that "A or B" includes "A but not B," "B but not A," and "A and B," unless otherwise indicated.

The present disclosure relates to methods and devices for development of concentration. Specifically, the development of concentration is provided by a three-mode device for development of concentration, also referred herein to as a three-mode device PRK-1U for development of concentration. The device may include an optical sensing unit configured to sense signals emitted by a user and an optical emitting unit configured to emit an outgoing signal. The device further includes lenses for focusing concentration of the user, switches for switching between operation modes, and a lighting unit to indicate a current operation mode by emitting a predetermined light signal. The device may further have one or more plates with numerical symbols for focusing the concentration of the user.

The device may include a housing in which elements of the device may be located. The housing may have a parallelepiped shape. The housing may be provided with a cover placed onto the housing to enclose the elements of the device inside the housing. The lenses and plates with numerical symbols for focusing concentration may be attached to an outer surface of the housing or to the cover. The user may be located in proximity to the device. The development of concentration of the user may be provided by focusing user attention on a receiver of the device and controlling the results of the concentration. The lenses and/or the plates with numerical symbols may be configured to be the receiver of concentration of the user. To initiate development of concentration, the user may start concentrating on the lenses and/or the numerical symbols provided on the plates attached to the housing or the cover. Specifically, the user may focus user attention on the lenses and/or the numerical symbols and direct thoughts to the lenses and/or the numerical symbols of the device. The concentration of the user may include thoughts related to providing an eternal life, including concentration on being healthy, concentration on having the quality of control forecasting or control foresight, concentration on rejuvenation, concentration on a particular event in life, and so forth.

As known in psychology, the stronger a person concentrates on a goal, the events in the person's life are optimized and the goal is achieved faster. When concentrating, the user may perform the following actions. The user may imagine user consciousness as a sphere around the user's body informationally supported by the user's body itself. The further action of the user may include imagining that the sphere transforms into a shape similar to the shape of the user's body and then superimposes the shape onto the surface of the user's body. At the moment of superimposing, the user may imagine that the inner surface of the body-like shape comes into contact with the surface of the user's body and that the radiation from the outer's surface of this body-like shape spreads to all external infinite space relative to the user's body. The infinite space is considered to be the eternal reality connected with the organism of the user, which results in development of concentration on eternal life.

The devices and methods described herein are based on the principle of similarity. The principle of similarity is based on the theory of wave synthesis in combination with the unified reality theory (see Ph.D. Thesis in Physical and Mathematical Sciences, G. P. Grabovoi, "Research and Analysis of Fundamental Definitions of Optical Systems for Prediction of Industrial Nature Earthquakes and Disasters", Moscow, RAEN Publishing House, 1999, pp. 9-19; patent of the inventor No. RU 2148845C1 titled "Method of Prevention of Catastrophes and Equipment for its Realization"; and patent of the inventor No. RU 2163419C1 titled "Data Transmission System," which are incorporated herein by reference in their entirety). The devices and methods are further based on physical and mathematical theory, experimental results, physical and mathematical calculations, and the results of these calculations set forth in the publication titled "Research and Analysis of the Fundamental Definitions of Optical Systems in Disaster Prevention and Predictive Microprocessor Control", "Electronic Equipment, Series 3, Microelectronics", 1999, edition 1 (153), and other scientific materials.

In accordance with the wave synthesis theory, reality can be considered as a periodic intersection of stationary regions with dynamic regions, while in the intersection zones a synthesis of a dynamic wave and a stationary wave occurs. Any reality phenomenon can be defined in a form of optical systems. Human perception is performed using image-bearing elements of light that contain information. In case of transmitting information from a person generating information to be transmitted to an optical sensing element, the person may be considered to be a transmitting optical system. The transmitted information generated by thoughts of the person is received by an optical sensing unit to which the person directs the generated thought. As a thought is an electromagnetic wave, it can be transmitted as an element of an optical system. Sensitive elements of the optical sensing

unit preferably have the shape of a sphere, as the spherical shape of the sensitive element provides the maximum activation of the sensitive element due to internal reflection of signals. The collection of trial records and testimonies of use of the three-mode device PRK-1U for the development of the concentration is presented in the Appendix of Specification.

The three-mode device for development of concentration performs the imposition of fields from the generation of biological signals and electromagnetic fields (electromagnetic waves generated by the user) according to the principle of universal connection with control of the purpose of concentration. The device further develops concentration of creational control.

In the wave synthesis theory, it is known that a thought generated in a form of radiation simultaneously has two quantum states. The first state is located on a sensing element of a signal transmitter, and the second state is located on a signal receiver. Based on these principles, the device for interacting with thoughts to develop the concentration as described herein was created.

Referring now to the drawings, FIG. **1** is a general perspective view of a three-mode device **100** for development of concentration, hereinafter referred to as a device **100**. The device **100** may include a housing **105** and a cover **110**. In an example embodiment, the housing **100** may include a box of a rectangular shape. The device **100** may further include lenses **120**. The lenses **120** may be attached to an outer surface of the cover **110**. In an example embodiment, the lenses **120** may be made of glass. Each of the lenses **120** may be placed on a plate **125** (e.g., a metal plate). The diameter of the lenses **120** may be 20 mm, 25 mm, 60 mm, and any other diameter applicable for a particular embodiment of the device **100**. The diameter of the plate **125** may be 60 mm, 64 mm, 70 mm, and any other diameter applicable for a particular embodiment of the device **100**.

The device may further have a first switch **130** and a second switch **135** to switch between operation modes of the device **100**. The device **100** may have one or more plates **140** with numerical symbols **145** depicted on the plates **140**. The device **100** may further have one or more stones **150**, such as diamonds, attached to the housing **105** or the cover **110** of the device **100**. The stones may be placed on a plate **155**. Further elements of the device **100** are shown in detail with reference to FIGS. **2-9**.

FIG. **2** is a block diagram showing various units of a three-mode device **100** for development of concentration, in accordance with certain embodiments. Specifically, the device **100** may include an optical sensing unit **210**, optical emitting unit **220**, one or more lenses **230**, two switches **240**, and a lighting unit **250**. The one or more lenses **230** for focusing concentration of a user may be associated with the optical sensing unit **210**. The device **100** may further include a housing and a cover. The one or more lenses **230** may be disposed on the cover.

The optical sensing unit **210** may have a plurality of sensitive elements. In an example embodiment, the plurality of sensitive elements may be spherical. In an example embodiment, the sensitive elements may be made of glass. The plurality of sensitive elements may be configured to sense a signal provided by the user. The sensitive elements may sense the signal in one or more of a plurality of operation modes of the device **100**. The signal may be associated with a plurality of electromagnetic fields. The signal provided by the user may be a biological signal. The biological signal may include an electromagnetic wave associated with thoughts generated by the user when concentrating on the one or more lenses **230** for focusing concentration. Specifically, the information (signal) may be generated in a form of electromagnetic radiation by the user. The user concentrates the electromagnetic radiation created by thought on the one or more lenses **230** located on the upper surface of the device **100**.

The plurality of sensitive elements may be further configured to impose, based on the signal, the plurality of electromagnetic fields onto each other to obtain an outgoing signal. The optical emitting unit may be configured to emit the outgoing signal. In an example embodiment, the optical emitting unit **220** may include an optical lens. In an example embodiment, the optical lens may be made of glass. The optical emitting unit **220** may emit the outgoing signal in a form of at least an optical signal. In an example embodiment, the device **100** may include a further plurality of sensitive elements. The further plurality of sensitive elements may include crystals and stones, such as diamonds.

The two switches **240** may be used for switching between the plurality of operation modes of the device **100**. The lighting unit **250** may be configured to indicate each of the plurality of operation modes of the device **100** by emitting a predetermined light signal. Specifically, the plurality of operation modes may include at least three modes. A first operation mode may be turned on by moving a first switch of the two switches **240** into an upward position. The first operation mode may be characterized by absence of emittance of a light signal by the lighting unit **250**. A second operation mode may be turned on by moving a second switch of the two switches into an upward position. The second operation mode may be characterized by emittance of a static light signal by the lighting unit **250**. A third operation mode may be turned on by moving the first switch into a downward position and further moving the first switch into an upward position while the second switch remains in the upward position. The third operation mode may be characterized by emittance of a repetitively-pulsed light signal by the lighting unit **250**.

In an example embodiment, the two switches **240** may be made of a transparent or semi-transparent material, such as glass or plastics. The device **100** may have a light emitting diode (LED) disposed inside the housing for emitting the light signal. When the LED emits light inside the device **100**, the light emitted from inside of the device **100** can be seen through the two switches **240**. Upon switching between the operation modes, the LED may not emit light, may continuously emit light (i.e., provide the static light signal), and may repetitively emit light (i.e., provide the repetitively-pulsed light signal).

The signal provided by the user may be sensed in each of the operation modes. For example, the device **100** may be switched to the second operation mode and the optical sensing unit **210** may sense the signal provided by the user when the device **100** operates in the second operation mode. In an example embodiment, the device **100** may be switched to the third operation mode and the optical sensing unit **210** may sense the signal provided by the user when the device **100** operates in the third operation mode. The operation modes of the device **100** may be used to increase the concentration on the user.

In an example embodiment, the device **100** may further include a plurality of figures placed on the housing and/or the cover of the device **100**. The figures may include numerical symbols for focusing the concentration of the user. The numerical symbols may be depicted on plates (e.g., metal, plastics, paper, wooden plates, etc.), which can be attached to the housing and/or the cover of the device **100**.

The numerical symbols depicted on the plates may be used for focusing the concentration of the user.

In an example embodiment, the device **100** may further include a converting unit configured to convert the outgoing signal into an electrical signal. In an example embodiment, the converting unit may be connected to a processing unit. The processing unit may be in communication with the optical sensing unit **210**, the optical emitting unit **220**, and the lighting unit **250** and perform processing of sensed signals, imposed signals, optical signals, and outgoing signals. The device **100** may further include a power source in communication with the optical sensing unit **210**, the optical emitting unit **220**, and the lighting unit **250**.

In the publication titled "Research and Analysis of the Fundamental Definitions of Optical Systems in Disaster Prevention and Predictive Microprocessor Control," "Electronic Equipment, Series 3, Microelectronics,", 1999, edition 1 (153), the inventor proves the unified reality theory and the theory of wave synthesis. According to the unified reality theory and the theory of wave synthesis, the second operation mode results in applying the amplification of the stationary phase of the reality. Furthermore, according to the unified reality theory and the theory of wave synthesis, the third operation mode results in applying the amplification of the dynamic phase of reality.

The technique of providing eternal life can work according to the principle similar to principles of functioning of the human body in the field of thinking. According to the principle of functioning of the human body when creating thoughts, the physical body of a person consists of the same tissues that do not change in the process of thinking, but thoughts that are created in the physical body are different. In the three-mode device **100** for development of concentration, the similarity principle is applied, which is illustrated by the fact that the same two buttons (i.e., switches) are used to activate the third operation mode for amplification of the dynamic phase of the reality. In other words, no elements are added to the device **100** just as no elements are added to the human body when a new thought is created. The third operation mode is turned on by turning the first switch off and on (to the downward and upward position) again while the second switch remains in the upward position. Therefore, switching between three operation modes may be provided by two switches.

Thus, by using the unified reality theory and the theory of wave synthesis proved by physical and mathematical calculations and experiments, the components are selected and an electrical scheme is developed for the device **100** so that the device **100** is similar to a human body in the following sense. A human body generates thoughts without adding any matter (components) to the human body. Similarly, the device **100** autonomously, without adding further switches, i.e., in a closed system, generates the third operation mode for amplification of the dynamic phase of the reality, which is illustrated by the repetitively-pulsed light emittance. In other words, the element base of the device **100** has a self-development function similar to that in the human body. This function of the device **100**, due to the interaction of the components of the device **100**, itself includes the activation of the operation mode for repetitively-pulsed light emittance. This allows the development of concentration when using the device **100**, as the preceding level of developing the concentration, including that achieved with the help of the device **100** itself, is always the starting point for further development of concentration.

The work with the device **100** in different operation modes provides extensive results on the development of concentration, which is required in many areas of life, including production, operational activity, and other activities in industrial fields.

The device **100** may further be configured to activate an artificial intelligence function. This function enables the device **100**, depending on the activity of generation of thoughts by the user and depending on the degree of development of concentration on eternal life in respect to specific events, to independently switch off the operation modes of the device **100** and then, after a time period determined by the device **100**, again switch on any of three operation modes. Accordingly, the procedure of activation of this artificial intelligence function was developed.

The device **100** provides the capability to combine three modes of operation, thereby creating better concentration on ensuring eternal life.

FIG. **3** is a schematic diagram **300** illustrating development of concentration of a user using a three-mode device **100** for development of concentration, according to an example embodiment. A user **305** may be located in a proximity of the device **100**. The user **305** may concentrate user attention on lenses **120** and/or numerical figures 145 of the device **100**. The lenses **120** may have different diameters. By concentrating, the user **305** generates thoughts, which are electromagnetic signals **310**. The thoughts may contain the purpose of concentration, such as concentration on eternal life, concentration on being healthy, concentration on having the quality of control forecasting or control foresight, concentration on rejuvenation, and so forth. The action of concentration for the current time and future time may be performed with respect to a sensing element of the optical emitting unit consisting of lenses. The user **305** may perform circular movements associated with the concentration (i.e., direct thoughts) by following a direction from a lens of a smaller diameter counterclockwise to lenses of a larger diameter. In the case of concentrations related to the current time and future time, a concentration beam may be directed in a direction from outside of the device **100** to an inner space of the device **100**.

If the concentration of the user **305** relates to past events, the user **305** may perform circular movements associated with the concentration by following a direction from a lens of a smaller diameter clockwise to lenses of a larger diameter. The concentration beam may be directed in a direction from inside the device **100** to an outside space.

In accordance with the information transmission on the basis of the wave synthesis theory, another quantum state of thoughts may be projected on a signal receiver in a form of an optical emitting unit located inside the device **100**.

FIG. **4** is a process flow diagram showing a method **400** for development of concentration, according to an example embodiment. In some embodiments, the operations may be combined, performed in parallel, or performed in a different order. The method **400** may also include additional or fewer operations than those illustrated.

The method **400** may commence with providing one or more lenses for focusing concentration of a user at operation **402**. The lenses may be associated with an optical sensing unit. The method **400** may continue with switching between a plurality of operation modes using two switches at operation **404**. Operation **406** of the method **400** may include indicating, by a lighting unit, each of the plurality of operation modes by emitting a predetermined light signal.

The method **400** may further include sensing, by a plurality of sensitive elements of the optical sensing unit, in one or more of the plurality of operation modes, a signal provided by the user at operation **408**. The signal may be

associated with a plurality of electromagnetic fields. The plurality of sensitive elements may be spherical. The signal provided by the user may be a biological signal.

The method **400** may further include imposing, based on the signal, by the optical sensing unit, the plurality of electromagnetic fields onto each other to obtain an outgoing signal at operation **410**. Specifically, the method **400** may be performed by using signal conditioning by imposing electromagnetic fields resulting from the generation of a biological signal to each other. The method **400** may be performed in accordance with the principle of universal connection with control of the purpose of concentration, which can be developed according to techniques described by the inventor in the publications mentioned herein.

The method **400** may further include emitting, by an optical emitting unit, the outgoing signal at operation **412**. The optical emitting unit may include an optical lens. The optical emitting unit may emit the outgoing signal in the form of at least an optical signal. The method **400** may further include converting, by a converting unit, the outgoing signal into an electrical signal.

In an example embodiment, the method **400** may further include providing a power source. The power source may be in communication with the optical sensing unit and the optical emitting unit. In an example embodiment, the method **400** may further include providing a housing and a cover. The one or more lenses may be disposed on the cover.

FIG. **5**A shows a top view **500** of a device **100** when a cover **100** is in a closed state, according to an example embodiment. The device **100** may have three plates **125** on which lenses **120** may be fastened. The plates **125** may be attached to the cover **120**. The device **100** may further have a plate **155** for fastening stones **150**, such as crystals or diamonds. The plate **155** may be attached to the cover **110**.

FIG. **5**B shows a top view **500** of the device **100** when the cover **100** is in an open state, according to an example embodiment. The device **100** may include an optical sensing unit **210**, a plurality of sensitive elements **505**, an optical emitting unit **220**, a LED **510**, and a converter **515**. The plurality of sensitive elements **505** of the optical sensing unit **210** may sense the signal emitted by the user and provide the signal to the converter **515**. The converter **515** may convert the signal into an electrical signal. The converter **515** may provide the electrical signal to the LED **510**. The LED **510** may be electrically connected in parallel with other components of the device **100**. Upon receipt of the electrical signal, the LED **510** may emit the electrical signal in the form of a light signal according to a current operation mode of the device **100**.

The signal sensed by the plurality of sensitive elements **505** may be associated with a plurality of electromagnetic fields. The optical sensing unit **210** may impose the plurality of electromagnetic fields onto each other to obtain an outgoing signal. The optical sensing unit **210** may provide the outgoing signal to the optical emitting unit **220** for further emission of the outgoing signal by the optical emitting unit **220**.

FIG. **6**A shows a top view **600** of the device **100** when the cover is in a closed state, according to an example embodiment. The device **100** may have three plates **125** onto which lenses **120** may be fastened. The plates **125** may be attached to the cover. The device **100** may further have a plate **155** for fastening stones **150**, such as crystals or diamonds. The plate **155** may be attached to the cover. The device **100** may have one or more plates **140** with numerical symbols **145** depicted on the plates **140**.

In a further example embodiment, the device **100** may have concentration enhancement elements. The concentration enhancement elements may be used for enhancing and accelerating the development of concentration. The concentration enhancement elements may include crystals and stones **150**, e.g., diamonds or rock crystals.

FIG. **6**B shows a top view **630** of the device **100** when the cover is in an open state, according to an example embodiment. The device **100** may include an optical sensing unit **210**, a plurality of sensitive elements **505**, an optical emitting unit **220**, and a LED **510**.

FIG. **6**C further shows a general perspective view **650** of the device **100**, according to an example embodiment. The device **100** may include a first switch **130** and a second switch **135**. The first switch **130** and the second switch **135** may be made of a transparent material, such as glass or plastic. When the LED **510** emits light inside the device **100**, the light emitted from inside of the device **100** can be seen through the first switch **130** and the second switch **135**.

In an example embodiment, figures may be placed on the cover in the form of numerical values **145**. For example, figures 1, 4, 5 may be placed (e.g., written) near a smaller lens, and figures 2, 7, 8, and 9, 0, 6, 3 may be placed near larger lenses. The development of concentration using the presence of figures near the lenses can be made by concentrating on the lenses in a way described above and adding concentration on the figures.

FIG. **7**A shows a front view **700** of the device **100**, according to an example embodiment. The device **100** may have a first switch **130** and a second switch **135**. Each of the first switch **130** and the second switch **135** may be configured to operate in several positions. Specifically, the first switch **130** may be moved into an upward position to switch to a first operation mode. The second switch **135** may be moved into an upward position to switch to a second operation mode. The first switch **130** may be moved into a downward position and further moved into the upward position to switch a third operation mode.

FIG. **7**B shows a rear view **750** of the device **100**, according to an example embodiment. The device **100** may have controlling elements **705** disposed in adjustment holes in the housing of the device **100** for tuning components of the device **100** using a side panel **755**. The device **100** may be in communication with an adapter **710**. The adapter **710** may be configured to convert the voltage of 220 V from a power grid into the voltage of 12 V consumed by the device **100**.

FIG. **8** shows a top view **800** of the device **100**, according to an example embodiment. The device **100** may further include one or more crystal systems **805**. The crystal system **805** may consist of a plurality of crystals **810**. The crystals **810** may be used for focusing the concentration of the user. The crystal system **805** may be a vertical crystal system in which the crystals **810** may have different radii and, hence, different heights. The radius of the crystals **810** may be 7 mm, 12 mm, and so forth.

In an example embodiment, the three-mode device for development of concentration may be used remotely through video monitoring of the device by a user, including via the Internet. The three-mode device for development of concentration is applicable in various areas related to providing eternal life, such as becoming healthy, developing the quality of control forecasting or control foresight, rejuvenating an organism, and so forth.

FIG. **9** is a schematic diagram **900** illustrating a three-mode device for development of concentration, according to an example embodiment. The elements shown on FIG. **9**

may be located inside a housing of the three-mode device for development of concentration. The three-mode device for development of concentration may include an optical emitting unit **220**.

Example 1 of operation of a three-mode device for development of concentration. On day 1, a first user turned the three-mode device off and then turned on after some period of time. Upon being turned on, the three-mode device entered the first operation mode, in which a red light mostly did not light up, meaning that power provided to the diode was low. Upon switching the three-mode device manually to the second and third operation modes, the three-mode device did not react, i.e., did not switch to the second and third operation modes.

The three-mode device is configured for developing concentrations on eternal life. The three-mode device can switch to one of the operation modes upon increasing the control load. In view of this, four users started a concentration session using the three-mode device by concentrating on lenses for focusing concentration of the users.

Three days later, the three-mode device entered the second operation mode. The three-mode device worked stably, but the third mode could not be turned on. Four users continued performing concentration sessions during the next three days. The three-mode device was placed in a room of the first user during the time when the concentration sessions were performed.

After three days, the second user took the three-mode device to work in a room of the second user. The three-mode device was moved to the room and turned on. The second user continued performing the concentration session using the three-mode device by concentrating on lenses for focusing concentration of the users. Upon turning on, the three-mode device began to self-adjust as was seen from diode heating. In a few seconds, the three-mode device entered the third operation mode and began to work stably in all three operation modes.

After three hours of operation, the three-mode device was again transferred to a room of the first user and turned on. The first user continued performing the concentration session using the three-mode device by concentrating on lenses for focusing concentration of the users. Upon turning on, the three-mode device worked in the third operation mode. At the time of turning on of the three-mode device, the first user was located in proximity to the three-mode device and had a conversation and was distracted from the concentration session. In a several minutes, the three-mode device automatically switched to the second operation mode. When the third operation mode was manually turned on, the device did not respond. Then, the three-mode device was unplugged and moved to the room of the second user, where it worked steadily before. Upon being turned on, the three-mode device immediately entered the third operation mode and there were no failures in operation of the three-mode device The three-mode device worked stably in all three modes. After this check, the three-mode device was again transferred to the room of first user and turned on. The three-mode device did not work in the third operation mode in the room of the first user. Then, the operation of the three-mode device was re-tested in the room of the second user. The three-mode device was moved to the room of the second user and turned on. The three-mode device consistently entered all the three operation modes. The operation of the three-mode device was recorded by photographing the device. Each of the first user and the second user continued performing the concentration session using the three-mode device when the three-mode device was in the room of each of the users. Then, the three-mode device was turned off, moved again to the room of the first user, and turned on. The first user continued the concentration session by concentrating on lenses of the three-mode device. Upon turning on, the three-mode device entered all the three operation modes and began to work stably in all operation modes.

Thus, the three-mode device independently switches to one of the operation modes is response to the signals received from the users during the concentration sessions. This function of artificial intelligence of the three-mode device, i.e. automatic switching between the modes, is turning on in case of simultaneous receipt of an increased amount of signals, e.g., from several users.

Example 2 of operation of a three-mode device for development of concentration. A user travelled to a foreign country and had a 24 hours long layover between the flights. The user experienced strong emotions during the layover, such as intensive fear, worry, lack of self-confidence, and perplexity. The user arrived at the hotel during the layover, turned the three-mode device, and started a first concentration session by concentrating on lenses of the three-mode device. Upon switching on, the three-mode device operated in the third operation mode and did not respond to manual switching of the three-mode device by the user to the second operation mode or the first operation mode. The next day, the user had a flight to the foreign country and an emotional state of the user stabilized, i.e. the user had a normal emotional state. When the user arrived at the hotel, the user turned the three-mode device and started a second concentration session by concentrating on lenses of the three-mode device. Upon switching on, the three-mode device operated in the first operation mode. The user manually switched the three-mode device to the second operation mode and then to the third operation mode. The three-mode device responded to switching between the modes by the user and switched to the second operation mode or the third operation mode, respectively. It was concluded that the user had intensive emotions and thoughts during the first concentration session. In view of this, the intensity of a signal transmitted by the user to the three-mode device caused automatic switching of the three-mode device to the third operation mode, in which the three-mode device amplified the dynamic phase of reality.

Example 3 of operation of a three-mode device for development of concentration. A user conducted concentration sessions using the three-mode device for four days in a first city. The three-mode device operated properly and responded to switching between the operation modes by the user by operating in a first operation mode, a second operation mode, or the third operation mode, respectively. On day five, the user moved to a second city and, upon arrival, started a concentration session. The user turned the three-mode device on. The three-mode device operated in the first operation mode. The user attempted to manually switch the three-mode device to the second operation mode. In response to the attempt of the user, the three-mode device switched to the third operation mode and did not respond to further attempts of the user to switch the three-mode device to the second operation mode. The automatic switching of the three-mode device to the third operation mode continued in the course of concentration sessions conducted by the user during seven days. During this seven-day period, the user had intensive emotions and thoughts when conducting the concentration sessions. In view of this, the intensity of a signal transmitted by the user to the three-mode device caused automatic switching of the three-mode device to the third operation mode, in which the three-mode device ampli-

fied the dynamic phase of reality. After seven days, the emotional state of the user stabilized and the three-mode device started operating normally and responded to manual switching of the three-mode device by the user to the second operation mode or the third operation mode.

FIG. **10** shows a diagrammatic representation of a computing device for a machine in the exemplary electronic form of a computer system **1000**, within which a set of instructions for causing the machine to perform any one or more of the methodologies discussed herein can be executed. In various exemplary embodiments, the machine operates as a standalone device or can be connected (e.g., networked) to other machines. In a networked deployment, the machine can operate in the capacity of a server or a client machine in a server-client network environment, or as a peer machine in a peer-to-peer (or distributed) network environment. The machine can be a personal computer (PC), a tablet PC, a set-top box, a cellular telephone, a digital camera, a portable music player (e.g., a portable hard drive audio device, such as a Moving Picture Experts Group Audio Layer 3 (MP3) player), a web appliance, a network router, a switch, a bridge, or any machine capable of executing a set of instructions (sequential or otherwise) that specify actions to be taken by that machine. Further, while only a single machine is illustrated, the term "machine" shall also be taken to include any collection of machines that individually or jointly execute a set (or multiple sets) of instructions to perform any one or more of the methodologies discussed herein.

The computer system **1000** may include a processor or multiple processors **1002**, a hard disk drive **1004**, a main memory **1006** and a static memory **1008**, which communicate with each other via a bus **1010**. The computer system **1000** may also include a network interface device **1012**. The hard disk drive **1004** may include a computer-readable medium **1020**, which stores one or more sets of instructions **1022** embodying or utilized by any one or more of the methodologies or functions described herein. The instructions **1022** can also reside, completely or at least partially, within the main memory **1006** and/or within the processors **1002** during execution thereof by the computer system **1000**. The main memory **1006** and the processors **1002** also constitute machine-readable media.

While the computer-readable medium **1020** is shown in an exemplary embodiment to be a single medium, the term "computer-readable medium" should be taken to include a single medium or multiple media (e.g., a centralized or distributed database, and/or associated caches and servers) that store the one or more sets of instructions. The term "computer-readable medium" shall also be taken to include any medium that is capable of storing, encoding, or carrying a set of instructions for execution by the machine and that causes the machine to perform any one or more of the methodologies of the present application, or that is capable of storing, encoding, or carrying data structures utilized by or associated with such a set of instructions. The term "computer-readable medium" shall accordingly be taken to include, but not be limited to, solid-state memories, optical and magnetic media. Such media can also include, without limitation, hard disks, floppy disks, NAND or NOR flash memory, digital video disks, Random Access Memory, Read-Only Memory, and the like.

The example embodiments described herein may be implemented in an operating environment comprising software installed on a computer, in hardware, or in a combination of software and hardware.

Thus, three-mode devices and methods for development of concentration are described. Although embodiments have been described with reference to specific exemplary embodiments, it will be evident that various modifications and changes can be made to these exemplary embodiments without departing from the broader spirit and scope of the present application. Accordingly, the specification and drawings are to be regarded in an illustrative rather than a restrictive sense.

What is claimed is:

1. A three-mode device for development of concentration, the device comprising:

a housing;

a first optical unit disposed in the housing, the first optical unit comprising a plurality of spherical elements;

a second optical unit disposed in the housing wherein the second optical unit includes an optical lens;

one or more lenses for enabling a user to affix a user gaze on the one or more lenses;

one or more plates attached to the housing, wherein the one or more lenses are placed on the one or more plates, wherein a diameter of the one or more plates exceeds a diameter of the one or more lenses;

two switches for switching between a plurality of operation modes associated with emittance of a predetermined light signal, the two switches being disposed on the housing; and

a lighting unit disposed in the housing and configured to indicate each of the plurality of operation modes by emitting the predetermined light signal.

2. The device of claim **1**, further comprising a cover.

3. The device of claim **2**, further comprising a plurality of figures placed on one of the housing and the cover, wherein the plurality of figures includes numerical symbols.

4. The device of claim **2**, wherein the one or more lenses are disposed on the cover.

5. The device of claim **1**, further comprising a power source in communication with the lighting unit.

6. The device of claim **1**, wherein the plurality of operation modes includes:

a first operation mode configured to be turned on by moving a first switch of the two switches into an upward position, the first operation mode being characterized by absence of emittance of a light signal by the lighting unit;

a second operation mode configured to be turned on by moving a second switch of the two switches into an upward position, the second operation mode being characterized by emittance of a static light signal by the lighting unit; and

a third operation mode configured to be turned on by moving the first switch into a downward position and further moving the first switch into the upward position, the third operation mode being characterized by emittance of a repetitively-pulsed light signal by the lighting unit.

7. The device of claim **1**, wherein the plurality of spherical elements are made of glass.

8. The device of claim **1**, wherein the optical lens is made of glass.

9. The device of claim **1**, further comprising a further plurality of optical elements, wherein the further plurality of optical elements are selected from crystals and stones.

10. A method for development of concentration, the method comprising:

providing a housing;

providing a first optical unit disposed in the housing, the first optical unit comprising a plurality of spherical elements;

providing a second optical unit disposed in the housing, wherein the second optical unit includes an optical lens;

providing one or more lenses for enabling a user to affix a user gaze on the one or more lenses;

providing one or more plates, wherein the one or more lenses are placed on the one or more plates, wherein a diameter of the one or more plates exceeds a diameter of the one or more lenses;

switching between a plurality of operation modes using two switches disposed on the housing, the plurality of operation modes being associated with emittance of a predetermined light signal; and

indicating, by a lighting unit disposed in the housing, each of the plurality of operation modes by emitting the predetermined light signal.

11. The method of claim **10**, further comprising providing a power source, wherein the power source is in communication with the lighting unit.

12. The method of claim **10**, further comprising providing a cover.

13. The method of claim **12**, further comprising providing a plurality of figures, wherein the plurality of figures includes numerical symbols placed on one of the housing and the cover.

14. The method of claim **12**, wherein the one or more lenses are disposed on the cover.

15. A three-mode device for development of concentration, the device comprising:

a housing;

a first optical unit disposed in the housing, the first optical unit comprising a plurality of optical elements, wherein the plurality of optical elements are made of glass;

a second optical unit disposed in the housing, wherein the second optical unit includes an optical lens;

one or more lenses for enabling a user to affix a user gaze on the one or more lenses, the one or more lenses being made of glass;

one or more plates attached to the housing, wherein the one or more lenses are placed on the one or more plates, wherein a diameter of the one or more plates exceeds a diameter of the one or more lenses;

two switches for switching between a plurality of operation modes associated with emittance of a predetermined light signal, the two switches being disposed on the housing; and

a lighting unit disposed in the housing and configured to indicate each of the plurality of operation modes by emitting the predetermined light signal, wherein the plurality of operation modes includes:

a first operation mode configured to be turned on by moving a first switch of the two switches into an upward position, the first operation mode being characterized by absence of emittance of a light signal by the lighting unit;

a second operation mode configured to be turned on by moving a second switch of the two switches into an upward position, the second operation mode being characterized by emittance of a static light signal by the lighting unit; and

a third operation mode configured to be turned on by moving the first switch into a downward position and further moving the first switch into the upward position, the third operation mode being characterized by emittance of a repetitively-pulsed light signal by the lighting unit.

* * * * *

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arranging and conducting of cultural and sports events, providing of training; arranging and conducting of conferences, arranging and conducting of congresses, arranging and conducting of symposiums, coaching, vocational guidance, arranging and conducting of seminars, arranging and conducting of workshops (providing of training), arranging and conducting of colloquiums, arranging of exhibitions for cultural or educational purposes, entertainment; sporting and cultural activities; translation; conducting public readings and live performances (entertainment); services of a publishing firm, except printing; providing recreation facilities; providing games on the Internet; editing of texts (except publicity texts); film, video tape film, audio and television film production for all media; rental of film, video tape film, audio and television film productions on media of all kinds, editorial services, namely proof-reading of books and periodicals; correspondence courses

Class: 44

Medical services; holistic medical services in the fields of naturopathy and alternative medicine; acupuncture services, bioresonance therapy; psycho-mental services to influence and create emotional balance; mental healing; meditative and non-meditative physical and mental exercises being a guide to accessing self-healing powers for therapeutic purposes; healing counselling, medical and psycho-mental life counselling; consultancy with regard to holistic medical matters

If a Notification of Provisional Refusal has been issued in relation to this IRDA, the protection may not apply to all of the goods and/or services originally claimed.

Once a trade mark is accepted, it must be advertised in our Official Journal of Trade Marks. Your trade mark will be advertised on 22/03/2012.

Within 3 months after advertisement (the opposition period), other people may oppose protection of your trade mark. If no one has opposed the protection of your trade mark, or seeks an extension of time, by the end of the opposition period, your trade mark will be protected.

If notice of opposition is filed you will be notified, and in order to receive further documentation relating to the opposition, you will need to supply an address for service in Australia.

Registrar of Trade Marks
IP Australia

Japana „GRABOVOI®” sa registarskim brojem № 1106610 od 14.02.2013. godine (datum podnošenja prijave 01.03.2012. godine) i „GRIGORI GRABOVOI®” sa registarskim brojem № 1106611 od 14.02.2013. godine (datum podnošenja prijave 01.03.2012. godine). Podaci o navedenim žigovima su dati na zvaničnom veb-sajtu Digitalne biblioteke industrijske svojine zavoda za patente Japana http://www.ipdl.inpit.go.jp/homepg_e.ipdl Japan Patent Office Address: 3-4-3 Kasumigaseki, Chiyoda-ku, Tokyo 100-8915, Japan E-mail: PA1B00@jpo.go.jp

商標登録証
(CERTIFICATE OF TRADEMARK REGISTRATION)

国際登録第１１０６６１１号
(INTERNATIONAL REGISTRATION NUMBER)

商標
(THE MARK)

GRIGORI GRABOVOI

指定商品又は指定役務並びに商品及び役務の区分
(LIST OF GOODS AND SERVICES)

9 Apparatus for recording, transmission or reproduction of sound or images; magnetic data carriers, recording discs; automatic vending machines and mechanisms for coin-operated apparatus; cash registers, calculating
その他別紙記載(REFER TO THE ATTACHED SHEET)

商標権者
(OWNER OF THE TRADEMARK RIGHT)
Ｇｒｉｇｏｒｉ Ｇｒａｂｏｖｏｉ

Ｋａｎａｌｓｔｒ． ４３ ２２０８５ Ｈａｍｂｕｒｇ
(Ｇｅｒｍａｎｙ)

国際登録日
(INTERNATIONAL REGISTRATION DATE) 01.04.2011

登録日
(REGISTRATION DATE) 平成２５年 ４月 ５日(April 5,2013)

この商標は、登録するものと確定し、商標原簿に登録されたことを証する。
(THIS IS TO CERTIFY THAT THE TRADEMARK IS REGISTERED ON THE REGISTER OF THE JAPAN PATENT OFFICE.)

平成２５年 ４月 ５日(April 5,2013)

特許庁長官
(COMMISSIONER, JAPAN PATENT OFFICE)

深野弘行

商 標 登 録 証

(CERTIFICATE OF TRADEMARK REGISTRATION)

国際登録第１１０６６１１号(INTERNATIONAL REGISTRATION NUMBER)

指定商品又は指定役務並びに商品及び役務の区分
(LIST OF GOODS AND SERVICES)

(9) machines, data processing equipment and computers; fire-extinguishing apparatus; data-processing programs; recorded and unrecorded data carriers of all kinds, in particular CDs, MDs, DVDs, video tapes and audio cassettes.

16 Paper, boxes of paper, table cloths of paper, table napkins of paper, cardboard and cardboard articles; printed matter; bookbinding material; photographs; stationery; adhesives for stationery or household purposes; artists' materials; paint brushes; instructional and teaching material (except apparatus).

41 Holistic medical coaching, providing electronic publications (non-downloadable); presentation of live performances, academies (education), education and instruction, correspondence courses, arranging and conducting of cultural and sports events, providing of training; arranging and conducting of conferences, arranging and conducting of congresses, arranging and conducting of symposiums, professional training and coaching services; vocational guidance, arranging and conducting of seminars, arranging and conducting of workshops (providing of training), arranging and conducting of colloquiums, arranging of exhibitions for cultural or educational purposes, entertainment; sporting activities; organization of exhibitions for cultural or educational purposes; conducting public readings and live performances (entertainment); services of a publishing firm, except printing; providing recreation facilities; providing games on the Internet; editing of texts (except publicity texts); film, video tape film, audio and television film production for all media; editorial services, namely proof-reading of books and periodicals; correspondence courses.

44 Medical services; holistic medical services in the fields of naturopathy and alternative medicine; acupuncture services, psycho-mental services to influence and create emotional balance; mental healing; healing counselling, medical and psycho-mental life counselling; consultancy with regard to holistic medical matters.

［以下余白］

Kine (Narodne Republike Kine) „GRABOVOI®" sa registarskim brojem № G1106610 od 01.10.2012. godine (datum podnošenja prijave 01.03.2012. godine) i „GRIGORI GRABOVOI®" sa registarskim brojem № G1106611 od 01.10.2012. godine (datum podnošenja prijave 01.03.2012. godine). Podaci o navedenim žigovima su dati na zvaničnom veb-sajtu Državnog zavoda za intelektualnu svojinu Narodne Republike Kine (SIPO) http://sbcx.saic.gov.cn/traide/ Poštanski broj: 100028 Postbox: No.100088 poštansko sanduče, 104 filijala, Peking, Kina E-mail adresa: chinatrademarkdatabase@gmail.com Adresa: Room 213, № 14 Shuguangxili, Chaoyang, Peking, Kina.

STATEMENT OF GRANT OF PROTECTION

Rule 18*ter*(1) of the Common Regulations

I. Office sending the statement:

Trademark Office
State Administration for Industry and Commerce
People's Republic of China

Sanlihe Donglu 8, Xicheng District
Beijing 100820, China
Tel: 8610-88650662
Fax: 8610-68050285

II. Number of the international registration: 1106611

This statement is related to the above international registration notified on 03/01/2012 by WIPO.

III. Name of the holder: GRIGORI GRABOVOI

IV. Protection is granted to the mark that is the subject of this international registration for all the goods and/or all the services requested.

V. Signature or official seal of the Office sending the statement:

VI. Date on which the statement was sent: 10/01/2012

STATEMENT OF GRANT OF PROTECTION

Rule 18*ter*(1) of the Common Regulations

I. Office sending the statement:

Trademark Office
State Administration for Industry and Commerce
People's Republic of China

Sanlihe Donglu 8, Xicheng District
Beijing 100820, China
Tel: 8610-88650662
Fax: 8610-68050285

II. Number of the international registration: 1106610

This statement is related to the above international registration notified on 03/01/2012 by WIPO.

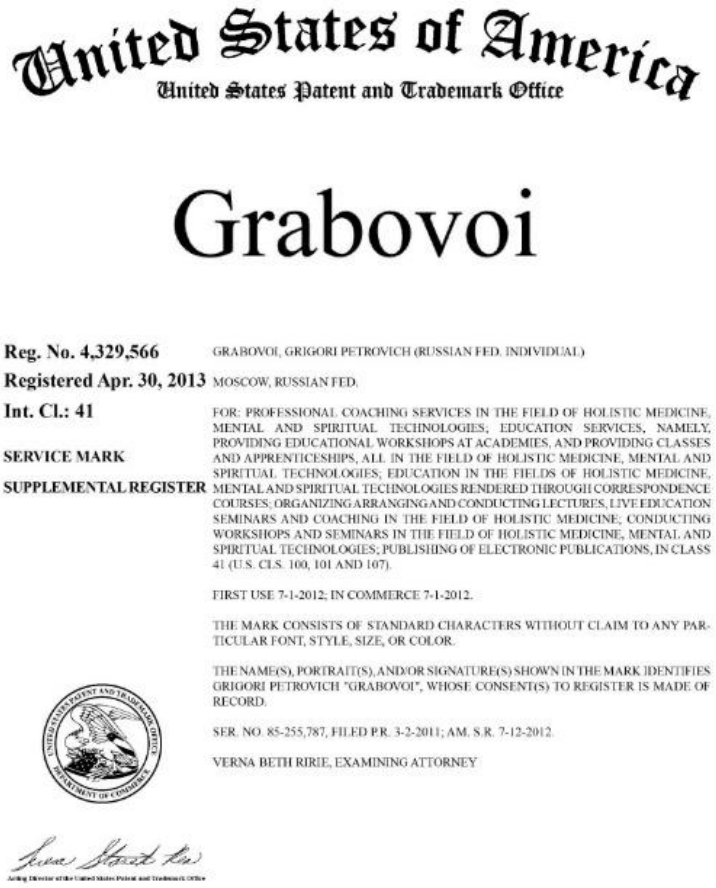
III. Name of the holder: GRIGORI GRABOVOI

IV. Protection is granted to the mark that is the subject of this international registration for all the goods and/or all the services requested.

V. Signature or official seal of the Office sending the statement:

VI. Date on which the statement was sent: 10/01/2012

Sjedinjenih Američkih Država „GRABOVOI®” sa registarskim brojem № 4329566 od 30.04.2013. godine (datum podnošenja prijave 02.03.2011. godine) i „GRIGORI GRABOVOI®” sa registarskim brojem № 85255853 od 19.07.2013. godine (datum podnošenja prijave 02.03.2011. godine). Podaci o navedenim žigovima su dati na zvaničnom veb-sajtu Kancelarije za patente i žigove SAD-a /United States Patent and Trademark Office koji registruje žigove http://www.uspto.gov Adresa: P.O. Box 1450, Alexandria, VA 22313-1450, Telephone1-800-786-9199; Email: TrademarkAssistanceCenter@uspto.gov



United States of America
United States Patent and Trademark Office

Grabovoi

Reg. No. 4,329,566
Registered Apr. 30, 2013
Int. Cl.: 41

SERVICE MARK

SUPPLEMENTAL REGISTER

GRABOVOI, GRIGORI PETROVICH (RUSSIAN FED. INDIVIDUAL)

MOSCOW, RUSSIAN FED.

FOR: PROFESSIONAL COACHING SERVICES IN THE FIELD OF HOLISTIC MEDICINE, MENTAL AND SPIRITUAL TECHNOLOGIES; EDUCATION SERVICES, NAMELY, PROVIDING EDUCATIONAL WORKSHOPS AT ACADEMIES, AND PROVIDING CLASSES AND APPRENTICESHIPS, ALL IN THE FIELD OF HOLISTIC MEDICINE, MENTAL AND SPIRITUAL TECHNOLOGIES; EDUCATION IN THE FIELDS OF HOLISTIC MEDICINE, MENTAL AND SPIRITUAL TECHNOLOGIES RENDERED THROUGH CORRESPONDENCE COURSES; ORGANIZING ARRANGING AND CONDUCTING LECTURES, LIVE EDUCATION SEMINARS AND COACHING IN THE FIELD OF HOLISTIC MEDICINE; CONDUCTING WORKSHOPS AND SEMINARS IN THE FIELD OF HOLISTIC MEDICINE, MENTAL AND SPIRITUAL TECHNOLOGIES; PUBLISHING OF ELECTRONIC PUBLICATIONS, IN CLASS 41 (U.S. CLS. 100, 101 AND 107).

FIRST USE 7-1-2012; IN COMMERCE 7-1-2012.

THE MARK CONSISTS OF STANDARD CHARACTERS WITHOUT CLAIM TO ANY PARTICULAR FONT, STYLE, SIZE, OR COLOR.

THE NAME(S), PORTRAIT(S), AND/OR SIGNATURE(S) SHOWN IN THE MARK IDENTIFIES GRIGORI PETROVICH "GRABOVOI", WHOSE CONSENT(S) TO REGISTER IS MADE OF RECORD.

SER. NO. 85-255,787, FILED P.R. 3-2-2011; AM. S.R. 7-12-2012.

VERNA BETH RIRIE, EXAMINING ATTORNEY

Deklaracija o usaglašenosti

DEKLARACIJA O USAGLAŠENOSTI broj 24

Mi (*proizvođač*)

Preduzetnik Grigorii Grabovoi PR
KONSALTING TECHNOLOGIES OF ETERNAL DEVELOPMENT
Kneza Mihaila 21A (lok 113 TC Milenijum)
11102 Beograd, Srbija

izjavljujemo pod sopstvenom odgovornošću da je proizvod:

Naziv proizvoda:	**Uređaj za razvoj koncentracija večnog života PRK-1U tri - mod**
Robna marka:	**GRABOVOI ®**
	GRIGORI GRABOVOI ®
Tip / Model:	**PRK-1U tri - mod**

u skladu sa bitnim zahtevima sledećih propisa:

I Pravilnik o elektromagnetskoj kompatibilnosti ("Sl. glasnik RS", br.25/2016)
II Pravilnik o električnoj opremi namenjenoj za upotrebu u okviru određenih granica napona ("Sl. glasnik RS", br.25/2016)

Primenjeni su sledeći standardi:

I SRPS EN 55014-1:2010 + A1:2010 + A2:2012
SRPS EN 55014-2:2015
II SRPS EN 60335-1:2012 + A11:2015 + AC:2014

Ocenjivanje usaglašenosti su sprovela sledeća imenovana tela:

I Idvorski laboratorije doo Beograd (И038), broj Sertifikata o pregledu tipa 00004 00502 21.08.2018.
II Institut za nuklearne nauke Vinča – Biro za sertifikaciju doo Beograd (И003) , broj Potvrde o usaglašenosti VINCA.PU.18.AD262 date 03.09.2018.

Mesto i datum izdavanja:

Beograd, 04.09.2018.

M.P.

Grigorii Grabovoi pr
KONSALTING TECHNOLOGIES
OF ETERNAL DEVELOPMENT
BEOGRAD

Odgovorna osoba
(ime i prezime / funkcija)

Sertifikat Idvorski Laboratorija o usaglašenosti uređaja sa prihvaćenim normama

Idvorski laboratorije d.o.o. Beograd
Volgina 15, 11060 Beograd
tel: +381 11 6776329
www.idvorsky.com
office@idvorsky.com
Sertifikaciono telo

И 038 18

АТС 04-026 АКРЕДИТОВАНО СЕРТИФИКАЦИОНО ТЕЛО SRPS EN ISO/IEC 17065:2013

Idvorski laboratorije

SERTIFIKAT O PREGLEDU TIPA broj 00004 00502

*prema **Pravilniku o elektromagnetskoj kompatibilnosti** (Službeni glasnik RS br. 25/2016)*

DATUM IZDAVANJA:	21.08.2018.	VAŽI DO:	20.08.2028.
PODNOSILAC ZAHTEVA:	**Preduzetnik Grigorii Grabovoi PR** **KONSALTING TECHNOLOGIES OF ETERNAL DEVELOPMENT** Kneza Mihaila 21A lokal 113, 11102 Beograd		
NAZIV / VRSTA APARATA:	Uređaj za razvoj koncentracija vječnog života PRK-1U tri-mod		
ROBNA MARKA:	GRABOVOI ® GRIGORI GRABOVOI ®		
PROIZVOĐAČ:	Preduzetnik Grigorii Grabovoi PR KONSALTING TECHNOLOGIES OF ETERNAL DEVELOPMENT Kneza Mihaila 21A lokal 113, 11102 Beograd		
TIP / MODEL:	**PRK-1U tri-mod**		

Opis aparata (prozvoda), namena i tehnički podaci:

Uređaj za razvoj koncentracija (ne smatra se medicinskim uređajem).

Tehnički podaci:
- Ulazni napon: 100 - 240 V; 50 Hz / 60 Hz; 0,45 A max
- Potrošnja: ≤ 12 W
- Dimenzije: 250 mm x 190 mm x 80 mm
- Težina: 1 kg

Izveštaji sa ispitivanja

Primenjeni standardi:	Broj izveštaja:	Izdat od:	Datum:
SRPS EN 55014-1:2010 + A1:2010 + A2:2012 SRPS EN 55014-2:2015 SRPS EN 61000-3-2:2014 SRPS EN 61000-3-3:2014	#496	Idvorsky Laboratories	06.08.2018.

Ostala tehnička dokumentacija		Oznaka:	Datum:
1.	Deklaracija o usaglašenosti	18	13.08.2018.
2.	Spisak sastavnih delova	/	/
3.	Uputstvo za rukovanje	/	/
4.	Električna šema	1/1	/
5.	Montažna šema	/	/
6.	Tehnički podaci o komponentama	više	/

Prilozi

Nema

Napomene

Sertifikat važi samo za uređaj sa:

- AC/DC adapterom 100-240V (50/60 Hz, 0,45 A max) / 12V DC (1 A max)

Proizvođač: SHENZEN JINHUASHENG POWER TECHNOLOGY CO. LTD. Kina
Model: RS-AB1000

- dodatna 5 ferita (EMI suppression cores): 4 unutar uređaja (sa trostrukim navojem) i 1 (sa dvostrukim navojem) postavljen na kabl za napajanje uz već postojeći ferit koji dolazi uz AC/DC adapter.

Proizvođač: Crown Ferrite Enterprise Co., Taiwan
Model: CF655N

Pregledom tipa opreme, tj. pregledom tehničke dokumentacije dostavljene od strane podnosioca, izdaje se:

ZAKLJUČAK

BITNI ZAHTEVI	ISPUNJENI U POTPUNOSTI	ISPUNJENI ZA TRAŽENI OBIM PREGLEDA	NISU OBUHVAĆENI PREGLEDOM
1) elektromagnetske smetnje koje prouzrokuje oprema ne prelaze nivo iznad kog radio i telekomunikaciona oprema ili druga oprema ne može da radi kako je predviđeno	☒	☐ (*)	☐
2) nivo imunosti opreme na elektromagnetske smetnje koje se očekuju pri upotrebi opreme su u skladu sa njenom predviđenom namenom, koji toj opremi omogućava da radi bez neprihvatljivog pogoršanja njenih radnih karakteristika za predviđenu namenu	☒	☐ (*)	☐
(*) Aspekti bitnih zahteva i relevantnih elektromagnetnih pojava obuhvaćeni traženim obimom pregleda:			
/			

Uslovi važenja sertifikata:

- *Sertifikat važi samo uz sve priloge. Zabranjeno je kopiranje i umnožavanje, osim u celosti.*
- *Sertifikat ne važi ukoliko su na proizvodu sprovedene izmene. Izmene se moraju prijaviti Idvorski laboratorijama radi provere usaglašenosti sa tipom i izdavanja dopune/izmene/novog sertifikata po potrebi.*
- *Obezbeđenje ispunjenosti bitnih zahteva ili relevantnih elektromagnetnih pojava koje nisu obuhvaćene ovim pregledom tipa je obaveza proizvođača (vidi zaključak). Proizvođač je odgovoran za usaglašenost opreme/aparata/proizvoda prema svim primenljivim propisima.*
- *Usaglašenost svakog komada opreme/aparata/proizvoda sa tipom je obaveza i odgovornost proizvođača koji preduzima mere interne kontrole proizvodnje.*
- *Podnosilac zahteva snosi odgovornost za autentičnost dostavljene tehničke dokumentacije i u obavezi je da istu i Sertifikat čuva 10 godina od dana proizvodnje poslednjeg uređaja.*

Mesto izdavanja:

Beograd

DRUŠTVO ZA ISPITIVANJE, KONTROLISANJE I SERTIFIKACIJU d.o.o. • IDVORSKI LABORATORIJE
m.p.
Idvorski laboratorije
Beograd-Zvezdara

Direktor:

Saša Jorgovanović, dipl.el.inž.

Izveštaj uz sertifikat na engleskom

IDVORSKY LABORATORIES Ltd. Belgrade
Volgina 15, 11060 Belgrade, Serbia

www.idvorsky.com
office@idvorsky.com
Phone: +381 11 6776329

Idvorsky Laboratories

EMC TEST REPORT #	**496**
Date of the report	06.08.2018.
Date of testing	19. – 26.07.2018.
Job #	496

ATC 01-404
АКРЕДИТОВАНА ЛАБОРАТОРИЈА ЗА ИСПИТИВАЊЕ
SRPS ISO/IEC 17025:2006

Customer	**Grigorii Grabovoi PR KONSALTING TECHNOLOGIES OF ETERNAL DEVELOPMENT,** Kneza Mihaila 21A lok 113 TC Milenijum, 11102 Beograd, Serbia
Manufacturer	**Grigorii Grabovoi PR KONSALTING TECHNOLOGIES OF ETERNAL DEVELOPMENT,** Kneza Mihaila 21A lok 113 TC Milenijum, 11102 Beograd, Serbia
EUT	**The device of development of concentrations of eternal life PRK-1U is of three-modes**
Model/Serial No.	PRK-1U three-modes S/N: P160327 (first sample delivered) S/N: P160823 (second sample delivered)

Test result (according to methods and criteria reported in Clause 4 only)	**PASS**

Remarks: None.

Tested by:

LAB engineer
Andrijana Lazić

LAB engineer
Milivoje Miletić

Verified by:

LAB engineer Andrijana Lazić

Approved by:

p.p. *Technical Manager* Saša Jorgovanović

The electromagnetic compatibility (EMC) tests and the test results are valid for the tested product (EUT) sample only.

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0. Front page

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5. Test results

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6. Test equipment data

7. Measurement uncertainty

8. General remarks

9. Appendixes

2. Product identification

2.1. Data

EUT description: Development of concentrations providing eternal life for all is carried out by the concentration of attention on the receiver of generated bio-signal and in the same time control for achieving result of the concentrations. It is known in psychology that the longer the concentration is carried out, the faster the goal is achieved, and the events are optimized. The device, in addition to this factor of psychology, according to the law of universal connections has a control of the goal of concentration through superposition of the fields from generation of the bio-signal, electromagnetic fields. The device develops concentrations of creative control.

The device has been created by Grigori Grabovoi on the bases on his two currently effective patented inventions: "Method of prevention of catastrophes and the device for its realization" and "Information transmission system". In the patent "Information transmission system" has been written that it is known in the theory of wave synthesis that a thought generated emission may exist in two quantum states simultaneously. One of these states is located on the sensor element of the transmitter of the signals and another on the receiver of the signals. This makes it possible to create devices for ensuring eternal life, which interact with thinking. In the patented inventions of Grigori Grabovoi it is written that human operator generates information in the form of the emission of thought. In order to activate the function of the device "PRK - 1U" a person concentrates emission of creative thought on the lenses located on the upper surface of the device.

General technical characteristics of the EUT

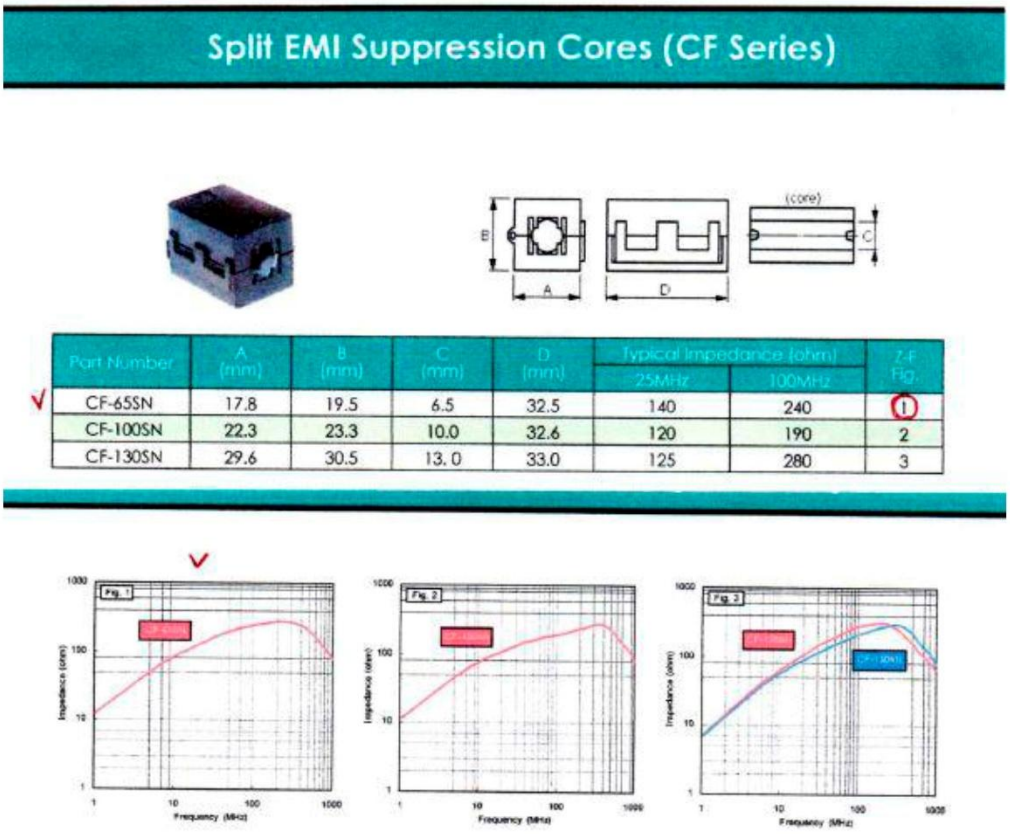
- Input voltage: 100-240V, 50Hz / 60Hz, 0,45 A Max
- Power consumption: no more than 12 watts
- Size: 250 mm x 190 mm x 80 mm
- Weight: 1 kg

Note: the EUT is not considered to be a medical device.

Note: two EUT samples of the same model were delivered. Following the customer's request, the **first sample** (**S/N: P160327**) was to be used for every test except for radiated RF emissions test. The **second sample** (**S/N: P160823**), which contained added ferrite beads (details given below), was to be used only for the radiated RF emissions test. Four ferrite beads were placed inside the EUT (3 turns each), one was placed outside on the power cable of the AC/DC adapter. The second sample also contains a ferrite bead which comes with the AC/DC adapter. Also, there is a difference in the lengths of the power cables. The length of the power cable (cable between the adapter and the DC input power port) of the first sample is 1 m, while the second sample has a 1.2 m long power cable.

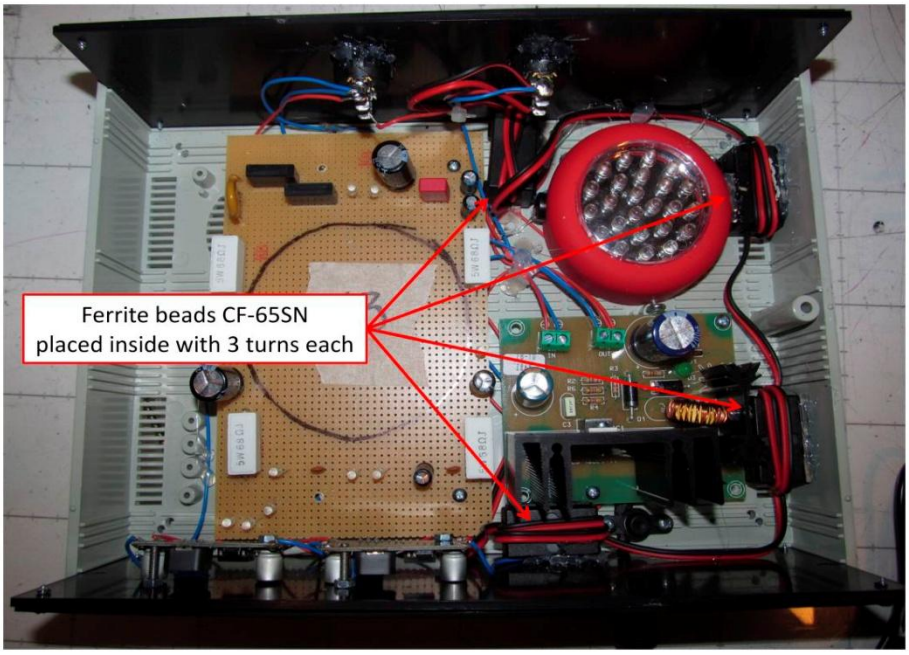
AC/DC adapter information

Manufacturer:	SHENZEN JINHUASHENG POWER TECHNOLOGY CO. LTD.
Model:	RS-AB1000
Made in:	China



Description of the added ferrite beads (the red marker indicates the model that was used) to the second sample (the sample used for the radiated RF emission test)

Manufacturer of the added ferrite beads: Crown Ferrite Enterprise Co., 17, Alley 14, Lane 165, Kang-Ning Rd., Sec. 3, Nei-Hu District Taipei, Taiwan



Ferrite beads placed inside the second sample

Ferrite bead placed outside the second sample on the AC/DC adapter's power cable

2.2. Photographs/schematics

EUT (first sample), front

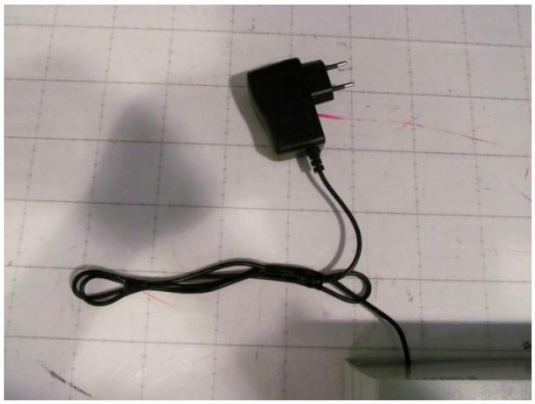
EUT (first sample), top

EUT (first sample), right side

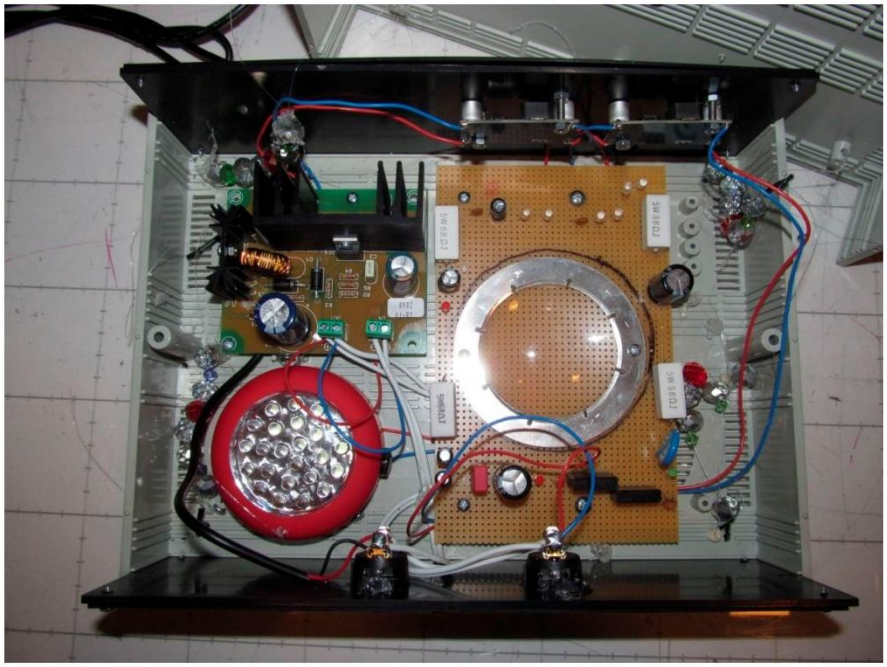
EUT (first sample), left side

EUT (first sample), rear

EUT (first sample), bottom



AC/DC adapter (first sample)



EUT (first sample), inside

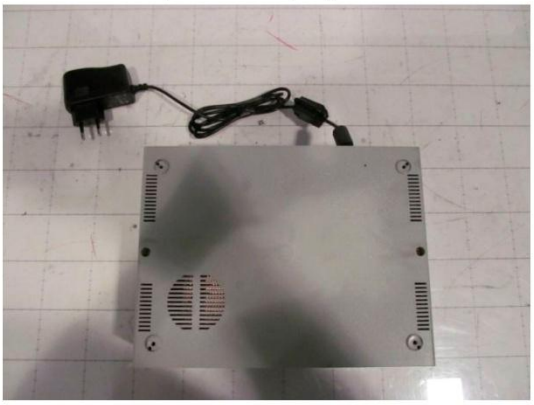
EUT (second sample), front

EUT (second sample), top

EUT (second sample), right side

EUT (second sample), left side

EUT (second sample), rear



EUT (second sample), bottom

AC/DC adapter (second sample)

EUT (second sample), inside

2.3. Operation modes

Operation mode	Description of operation mode and exercise method
Third mode of operation	The EUT is connected to the 230 V, 50 Hz mains electrical grid and is turned on using button 1. The EUT is now in its first operation mode, which is a kind of standby mode. Pressing button 2 turns on the LEDs. This is the second mode of operation. The third mode of operation is achieved by turning the EUT off using button 1, while button remains in the on position, and then turning it back on. The light coming from the LEDs within the EUT is now pulsating.

2.4. Associated/auxiliary equipment

None.

2.5. Performance criteria

2.5.1. Emission criteria

Conducted RF emissions 150 kHz – 30 MHz: Required emission limits are according to the customer's request and also in accordance with table 1, clause 4.1.1.3 of EN 55014-1:2006 + A1:2009 + A2:2011.

Radiated RF emissions 30 MHz – 1 GHz: Required emission limits are according to the customer's request and also in accordance with table 4, clause 4.1.3 of EN 55014-1:2006 + A1:2009 + A2:2011.

Harmonics emission test: Required emission limits are according to the customer's request and also in accordance with table 1 for class A equipment from Annex A of the EN 61000-3-2:2014.

Flicker limitations test: Required emission limits are according to the customer's request and also in accordance with clause 5 of EN 61000-3-3:2013.

2.5.2. Immunity criteria

Performance criteria:	
Description of normal operation or performance degradation and monitoring	**Operation mode**
Criterion A – *The apparatus shall continue to operate as intended during the test. No degradation of performance or loss of function is allowed below a performance level (or permissible loss of performance) specified by the manufacturer, when the apparatus is used as intended. If the minimum performance level or the permissible performance loss is not specified by the manufacturer, then either of these may be derived from the product description and documentation, and from what the user may reasonably expect from the apparatus if used as intended.* The disturbances may not influence the EUT's performance in any way. No restart, change of operation mode or change in the pulsating light's intensity or repetition frequency, which is constantly visually monitored, is allowed.	**Third mode of operation**

Criterion B – *The apparatus shall continue to operate as intended after the test. No degradation of performance or loss of function is allowed below a performance level (or permissible loss of performance) specified by the manufacturer, when the apparatus is used as intended. During the test, degradation of performance is allowed, however no change of actual operating state or stored data is allowed to persist after the test. If the minimum performance level or the permissible performance loss is not specified by the manufacturer, then either of these may be derived from the product description and documentation, and from what the user may reasonably expect from the apparatus if used as intended.* The disturbances may not cause the EUT to restart or change its operation mode, but may temporarily (i.e. a few seconds) influence the operation mode, i.e. changing the pulsating light's intensity or repetition frequency. No human intervention is allowed to assist the EUT to get rid of any lasting changes the disturbances may have had on the EUT's operation mode.	
Criterion C – *Temporary loss of function is allowed, provided the function is self-recoverable or can be restored by the operation of the controls, or by any operation specified in the instructions for use.* The disturbances may cause the EUT to restart, change its operation mode, or influence in any way its current operation mode. Any influences on the EUT's performance must be either temporary, or removable by human intervention.	

2.6. Product related notes

None.

3. Test conditions

Temperature:	20.5 – 23.7 °C
Relative humidity:	42 – 49.8 % RH
Atmospheric pressure:	989 - 995 hPa

4. Test methods and short overview of the results

EUT is tested in the laboratory.
EUT is tested as tabletop equipment.
EUT is tested as category II equipment from clause 7.2.2 of EN 55014-2:2015.

According to criteria from Clause 2.5 of the report and the test plan according to the customer's request:

METHOD / STANDARD	PORT	TEST LEVEL (STANDARD)	OPERATING MODE	CRITERIA REQUESTED	RESULT
Conducted RF emissions EN 55014-1:2006 + A1:2009 + A2:2011	AC input power port	EN 55014-1:2006 + A1:2009 + A2:2011 Table 1, clause 4.1.1.3 150 kHz - 30 MHz Measurement by application of LISN.	Third mode of operation	/	**PASS**
Radiated RF emissions Referenced(1) EN 55022:2006 To apply EN 55022:2010 + AC:2011	Enclosure port	EN 55014-1:2006 + A1:2009 + A2:2011 Table 3, clause 4.1.3 30 MHz - 1 GHz Measurement at 3 m distance in semi-anechoic chamber.	Third mode of operation	/	**PASS**
Harmonics emission test EN 61000-3-2:2014	AC input power port	EN 61000-3-2:2014 Class A, table 1 Test type: fluctuating harmonics 2.5 min Test voltage 230 V, 50 Hz Time window: 200 ms	Third mode of operation	/	**PASS**
Flicker limitations test EN 61000-3-3:2013	AC input power port	EN 61000-3-3:2013 Clause 5 Test voltage 230 V, 50 Hz Observation period: 10 min Number of observations: 1	Third mode of operation	/	**PASS**
Immunity to radiated RF field EN 61000-4-3:2006+ A1:2008+A2:2010	Enclosure	EN 55014-2:2015 clause 5.5 3 V/m, AM 80 %, 1 kHz 1 s dwell time 80 MHz – 1000 MHz Test performed in SAC UFA: 1.5 m x 1.5 m, 2.3 m from the antenna	Third mode of operation	A	**PASS**
Immunity to conducted RF disturbances EN 61000-4-6:2014	AC input power port	EN 55014-2:2015 clause 5.3 3 V, AM 80 %, 1 kHz 1 s dwell time Disturbances applied through CDN M216	Third mode of operation	A	**PASS**
Immunity to EFT/Burst EN 61000-4-4:2012	AC input power port	EN 55014-2:2015 clause 5.2 Laboratory test CDN, common mode ±1 kV (peak), 5/50 Tr/Th ns, Repetition frequency: 5 kHz Duration: 120 s per polarity	Third mode of operation	B	**PASS**

Immunity to surge EN 61000-4-5:2014	AC input power port	EN 55014-2:2015 clause 5.6 1,2/50 (8/20) Tr/Th µS ±1 kV phase line to neutral line 5 positive and 5 negative pulses Pause: 60 s Generator impedance: 2 Ω Phase angle: 90 deg for positive, 270 deg for negative pulses Pulses to be applied through CDN	Third mode of operation	B	**PASS**
Immunity to ESD EN 61000-4-2:2009	Enclosure	EN 55014-2:2015 clause 5.1 Table-top equipment 4 kV (charge voltage)(Contact discharge) at horizontal and vertical conducting plane, screws, metallic parts of the housing, metallic plates 8 kV (charge voltage) (Air discharge) at buttons, plastic housing, vents, ac/dc adapter housing No post-installation test	Third mode of operation	B	**PASS**
Immunity to voltage dips and interruptions EN 61000-4-11:2004	AC input power port	EN 55014-2:2015 clause 5.7 Supply voltage 230 V, 50 Hz Changes of supply voltage occur at zero crossings of the voltage Number of applications: 3 Pause duration between applications: 10 s Voltage dip to: 70%/40%/0% for 25/10/0.5 cycles	Third mode of operation	C	**PASS**

(1) Referenced test method as specified by EN 55014-1:2006 + A1:2009 + A2:2011 in Annex ZA. The laboratory shall apply the test standard according to its scope of accreditation as noted. The standards have been compared previously and no significant changes in the test methods consigning to the testing had been found.

5. Test results

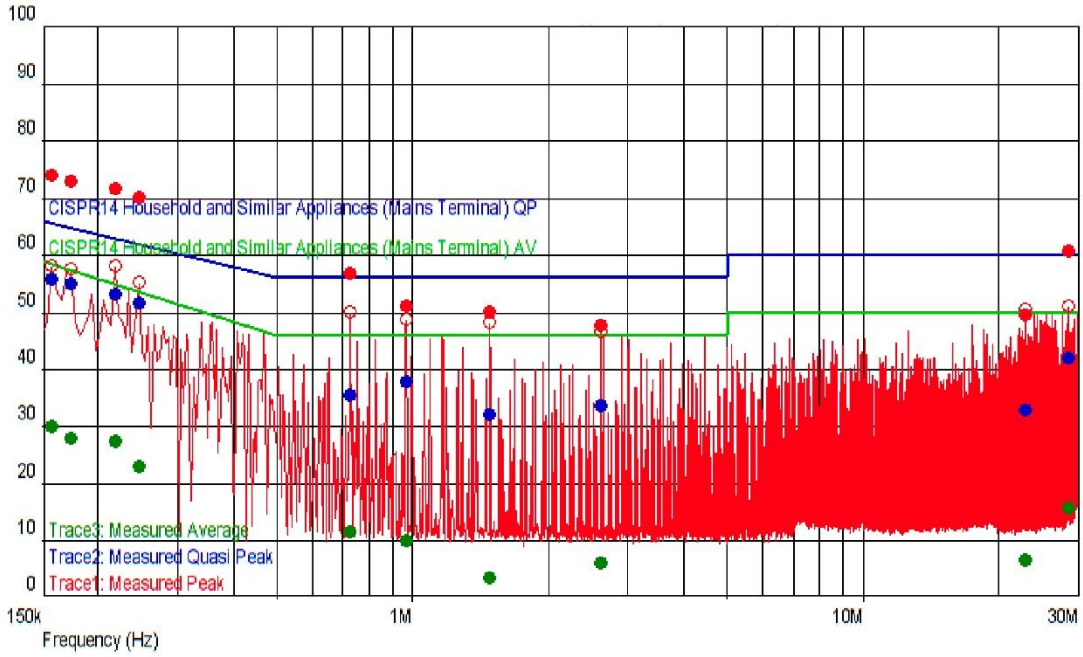
5.1. Conducted RF emissions

Date:	19.07.2018.
Test standard:	EN 55014-1:2006 + A1:2009 + A2:2011
Tested by:	Andrijana Lazić

5.1.1. Set up

Port under test:	AC power port
AC power port voltage:	223 V, 50 Hz
Frequency range:	150 kHz – 30 MHz
Pre-scan dwell time:	10 ms
Pre-scan detector:	Peak
Step:	4 kHz
Final measurement time:	15 s
EUT operation mode:	Third mode of operation

5.1.2. Results



f [MHz]	Pk level [dBuV]	QP level [dBuV]	QP limit [dBuV]	QP margin [dB]	Av level [dBuV]	Av limit [dBuV]	Av margin [dB]	LINE
0.158	73.825	55.54	65.568	-10.03	29.765	58.439	-28.674	N
0.174	72.768	54.78	64.767	-9.99	27.848	57.397	-29.549	L1
0.218	71.444	52.9	62.895	-9.99	27.114	54.963	-27.849	L1
0.246	69.809	51.55	61.891	-10.34	22.739	53.658	-30.919	L1
0.726	56.769	35.36	56	-20.64	11.259	46	-34.741	L1
0.966	50.799	37.56	56	-18.44	9.689	46	-36.311	L1
1.482	49.945	32.01	56	-23.99	3.355	46	-42.645	N
2.614	47.5	33.34	56	-22.66	5.74	46	-40.26	L1
22.91	49.395	32.79	60	-27.21	6.445	50	-43.555	L1
28.498	60.608	41.76	60	-18.24	15.458	50	-34.542	L1

Test result: **PASS**

5.1.3. Deviations

None.

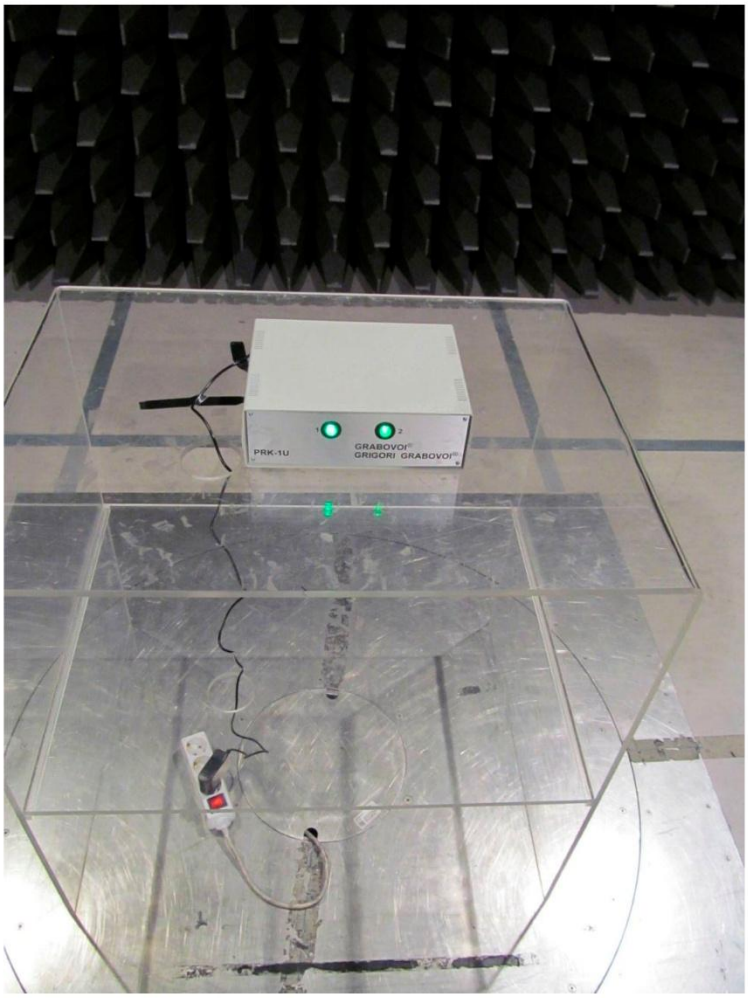
5.1.4. Comments

None.

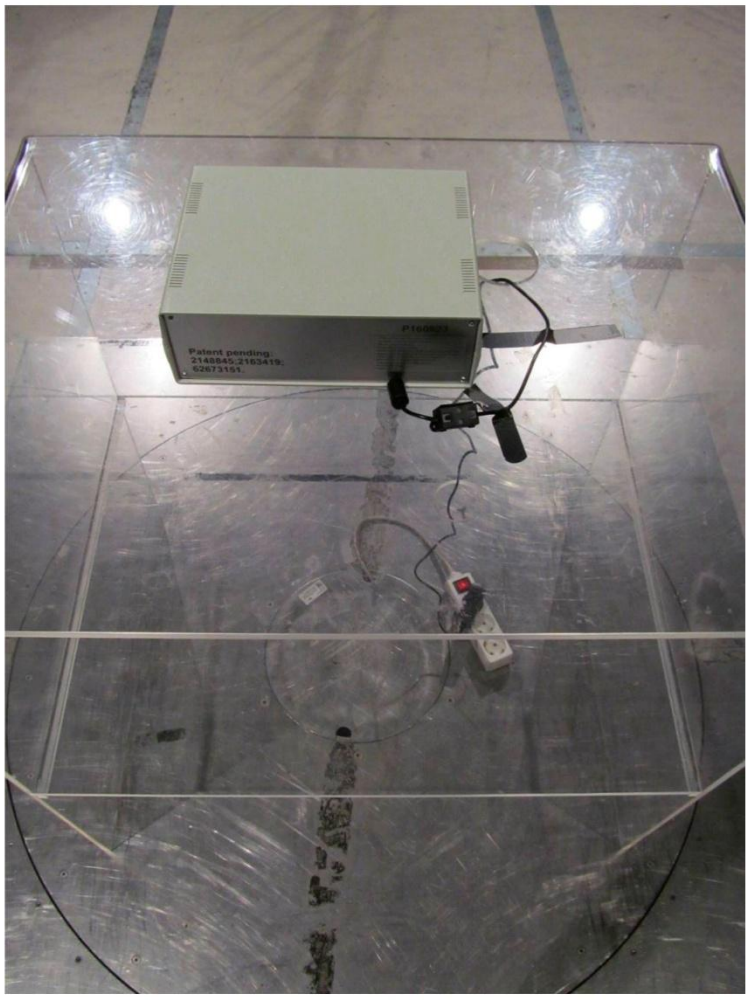
5.2. Radiated RF emissions

Date: 26.07.2018.
Test standard: EN 55022:2010 + AC:2011
Tested by: Milivoje Miletić

5.2.1. Set up:



Setup, front view



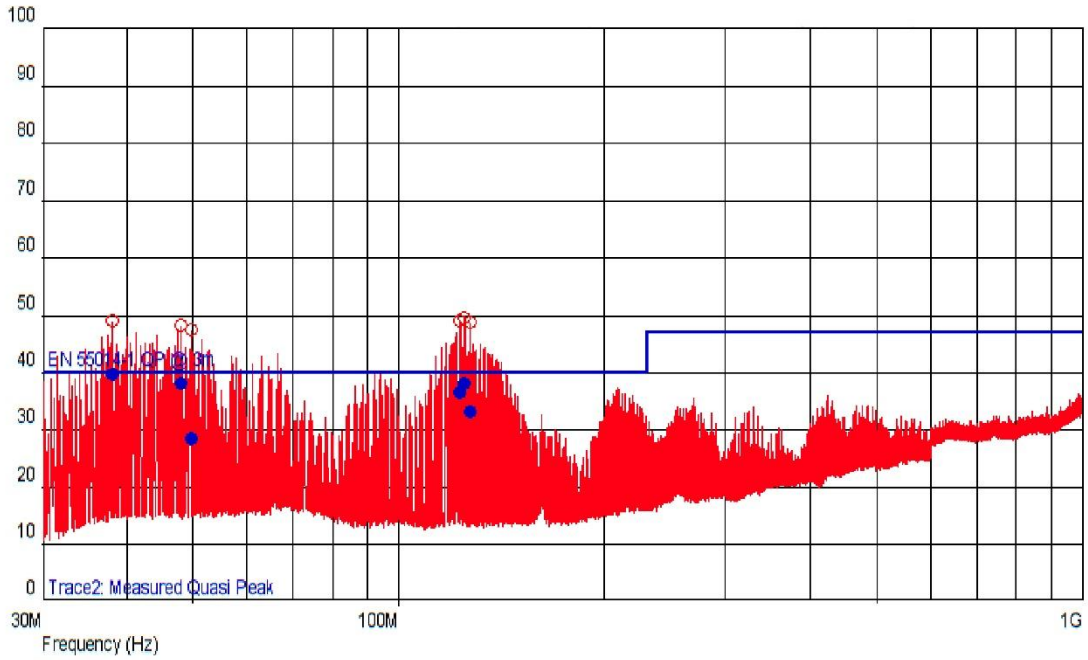
Setup, rear view

Test location: semi-anechoic chamber
EUT to antenna distance: 3 m
EUT operation mode: EMC operation mode

Limits:

Frequency range [MHz]	Quasi-peak limit dB(μV/m)
30 – 230	40
230 – 1000	47

5.2.2. Results:



List of selected disturbances:

Frequency [MHz]	QP level [dBuV/m]	QP limit [dBuV/m]	Margin [dB]	Antenna polarization	Azimuth [deg]	Antenna height [m]
38.000800	39.36	40	-0.64	|	12	1.06
48.040850	37.94	40	-2.06	|	261	1.06
49.719025	28.36	40	-11.64	|	181	3.7
122.599650	36.37	40	-3.63	|	156	1.95
124.599925	37.96	40	-2.04	|	162	1.61
127.319750	32.91	40	-7.09	|	95	2.62

Test result: **PASS**

5.2.3. Deviations

None.

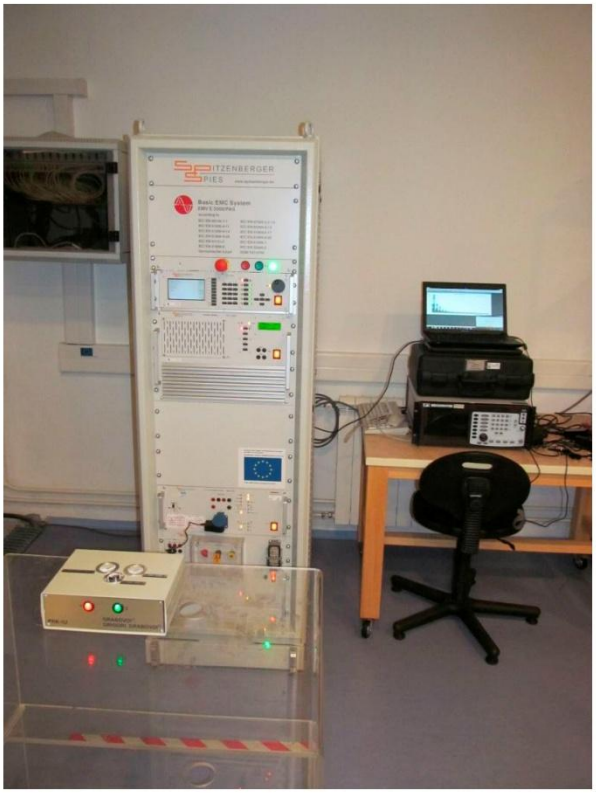
5.2.4. Comments

These test results are valid only with the used ferrite beads described in clause 2.1.

5.3. Harmonics emission test

Date: 19.07.2018.
Test standard: EN 61000-3-2:2014
Tested by: Milivoje Miletić

5.3.1. Set up



Parameter	Equipment setting
Device class	A
Test type	Fluctuating harmonics, 2.5 min
Test voltage	230V, 50 Hz
Time window	200 ms
Operation mode	Third mode of operation

5.3.2. Results

Maximum RMS current and corresponding values in timewindow 65:

Voltage:	230.31 Vrms		THD=0.01 %	THV=0.027 V	POHV=0.009 V	PWHD=0.03 %
Current:	0.048 Arms		THD=514.60 %	THC=0.042 A	POHC=0.012 A	PWHD=1106.32 %
Power:	1.8 W	P1=1.8 W	11.1 VA			
Power factor:	0.165	CosPhi1: 0.978				

HARMONIC ANALYSIS: Test PASS
Tobs = entire measurement; POHC: avg=0.00 A, limits=0.25 A
Iavg=0.042 Arms

Ha	Entire measurement (2.5 min = 750 time windows)							Worst 2.5 min		Average		PASS	FAIL
	Maximum	Window	EN61000-3-2 Class A	Margin in MaxWin	100 to 150%	150 to 200%	Ex-ceeded	100 to 150%	Ex-ceeded	Value	Ex-ceeded		
DC	-0.0048 A	372	-----	---.-	0	0	0	n.e.	n.e.	-0.0013 A	0	X	
1	0.0083 A	453	-----	---.-	0	0	0	n.e.	n.e.	0.0075 A	0	X	
2	0.0068 A	64	1.0800 A	-99.4 %	0	0	0	n.e.	n.e.	0.0045 A	0	X	
3	0.0180 A	86	2.3000 A	-99.2 %	0	0	0	n.e.	n.e.	0.0161 A	0	X	
4	0.0090 A	65	0.4300 A	-97.9 %	0	0	0	n.e.	n.e.	0.0062 A	0	X	
5	0.0164 A	86	1.1400 A	-98.6 %	0	0	0	n.e.	n.e.	0.0148 A	0	X	
6	0.0085 A	58	0.3000 A	-97.2 %	0	0	0	n.e.	n.e.	0.0060 A	0	X	
7	0.0143 A	86	0.7700 A	-98.1 %	0	0	0	n.e.	n.e.	0.0129 A	0	X	
8	0.0079 A	58	0.2300 A	-96.6 %	0	0	0	n.e.	n.e.	0.0057 A	0	X	
9	0.0119 A	93	0.4000 A	-97.0 %	0	0	0	n.e.	n.e.	0.0108 A	0	X	
10	0.0071 A	58	0.1840 A	-96.1 %	0	0	0	n.e.	n.e.	0.0053 A	0	X	
11	0.0095 A	93	0.3300 A	-97.1 %	0	0	0	n.e.	n.e.	0.0086 A	0	X	
12	0.0063 A	51	0.1533 A	-95.9 %	0	0	0	n.e.	n.e.	0.0048 A	0	X	
13	0.0073 A	93	0.2100 A	-96.5 %	0	0	0	n.e.	n.e.	0.0066 A	0	X	
14	0.0057 A	51	0.1314 A	-95.7 %	0	0	0	n.e.	n.e.	0.0044 A	0	X	
15	0.0057 A	86	0.1500 A	-96.2 %	0	0	0	n.e.	n.e.	0.0051 A	0	X	
16	0.0051 A	51	0.1150 A	-95.6 %	0	0	0	n.e.	n.e.	0.0039 A	0	X	
17	0.0050 A	86	0.1324 A	-96.2 %	0	0	0	n.e.	n.e.	0.0043 A	0	X	
18	0.0045 A	72	0.1022 A	-95.6 %	0	0	0	n.e.	n.e.	0.0034 A	0	X	
19	0.0049 A	86	0.1184 A	-95.9 %	0	0	0	n.e.	n.e.	0.0040 A	0	X	
20	0.0041 A	72	0.0920 A	-95.5 %	0	0	0	n.e.	n.e.	0.0031 A	0	X	
21	0.0049 A	65	0.1071 A	-95.5 %	0	0	0	n.e.	n.e.	0.0040 A	0	X	
22	0.0038 A	72	0.0836 A	-95.4 %	0	0	0	n.e.	n.e.	0.0028 A	0	X	
23	0.0048 A	65	0.0978 A	-95.1 %	0	0	0	n.e.	n.e.	0.0040 A	0	X	
24	0.0036 A	72	0.0767 A	-95.3 %	0	0	0	n.e.	n.e.	0.0027 A	0	X	
25	0.0045 A	65	0.0900 A	-94.9 %	0	0	0	n.e.	n.e.	0.0038 A	0	X	
26	0.0034 A	72	0.0708 A	-95.2 %	0	0	0	n.e.	n.e.	0.0026 A	0	X	
27	0.0041 A	35	0.0833 A	-95.0 %	0	0	0	n.e.	n.e.	0.0035 A	0	X	
28	0.0032 A	179	0.0657 A	-95.1 %	0	0	0	n.e.	n.e.	0.0025 A	0	X	
29	0.0037 A	35	0.0776 A	-95.2 %	0	0	0	n.e.	n.e.	0.0032 A	0	X	
30	0.0031 A	179	0.0613 A	-94.9 %	0	0	0	n.e.	n.e.	0.0024 A	0	X	
31	0.0034 A	35	0.0726 A	-95.3 %	0	0	0	n.e.	n.e.	0.0029 A	0	X	
32	0.0029 A	179	0.0575 A	-94.9 %	0	0	0	n.e.	n.e.	0.0023 A	0	X	
33	0.0032 A	35	0.0682 A	-95.3 %	0	0	0	n.e.	n.e.	0.0028 A	0	X	
34	0.0027 A	179	0.0541 A	-94.9 %	0	0	0	n.e.	n.e.	0.0022 A	0	X	
35	0.0030 A	35	0.0643 A	-95.3 %	0	0	0	n.e.	n.e.	0.0027 A	0	X	
36	0.0025 A	179	0.0511 A	-95.1 %	0	0	0	n.e.	n.e.	0.0020 A	0	X	
37	0.0029 A	86	0.0608 A	-95.2 %	0	0	0	n.e.	n.e.	0.0026 A	0	X	
38	0.0024 A	79	0.0484 A	-95.1 %	0	0	0	n.e.	n.e.	0.0019 A	0	X	
39	0.0028 A	35	0.0577 A	-95.1 %	0	0	0	n.e.	n.e.	0.0024 A	0	X	
40	0.0022 A	79	0.0460 A	-95.2 %	0	0	0	n.e.	n.e.	0.0018 A	0	X	

average value < 0.6 % of Iavg or < 5 mA n.e. = not evaluated

Limits: Given in table above and defined in standard EN 61000-3-2:2014.

Test result: **PASS**

5.3.3. Deviations

None.

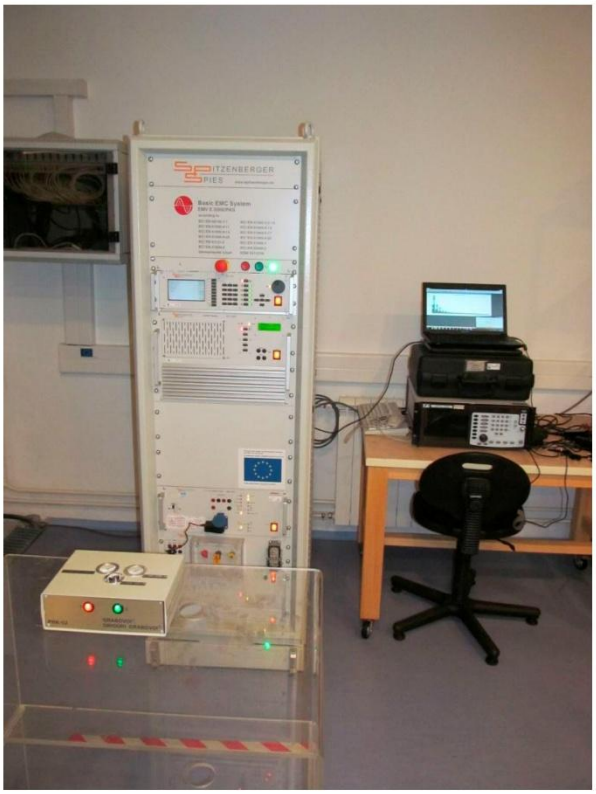
5.3.4. Comments

None.

5.4. Flicker limitations test

Date: 19.07.2018.
Test standard: EN 61000-3-3:2013
Tested by: Milivoje Miletić

5.4.1. Set up



Parameter	Setting
Test voltage	230 V, 50 Hz
Number of observations	1
Observation period	10 min
Operation mode	Third mode of operation

5.4.2. Results

FLICKER: Test PASS!

Time	Pmax	Pst	Sliding Plt	d(t)>3.30% [s]	dmax [%]	dc [%]	PASS	FAIL
12:05:28	0.001	0.0210	-.----	0.000	+0.000	-.---	X	
Limits:		1.000	0.650	0.500	4.000	3.300		
Plt: 0.009173 (calculated over 12 periods)							X	
Evaluated: PST, PLT, Sliding PLT, dc, dmax, d(t)								

FLICKER: Source test PASS!

Time	Pmax	Pst	Sliding Plt	d(t)>3.30% [s]	dmax [%]	dc [%]	PASS	FAIL
12:05:28	0.000	0.0040	-.----	0.000	+0.000	-.---	X	
Plt: 0.001747 (calculated over 12 periods)								
Evaluated: PST <= 0.4 dmax < 20 % dmax1								

Limits: Given in table above and defined in standard EN 61000-3-3:2013.

Test result: **PASS**

5.4.3. Deviations

None.

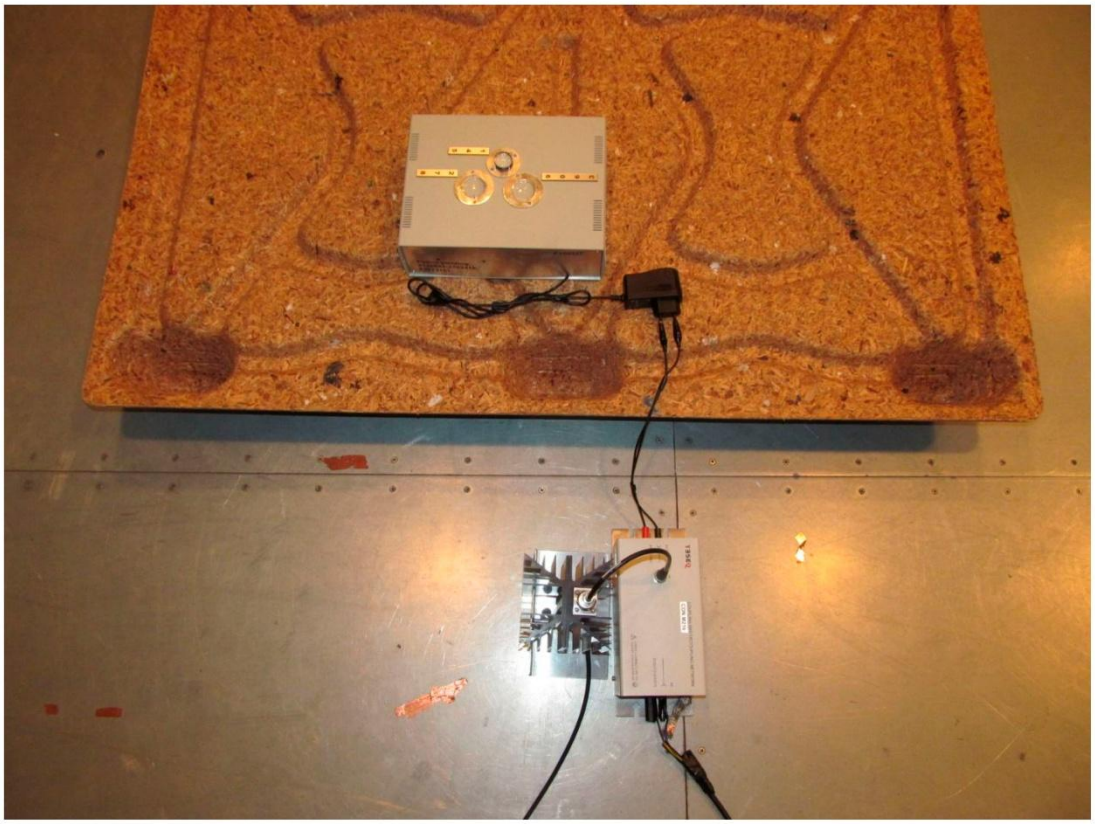
5.4.4. Comments

None.

5.5. Immunity to conducted RF disturbances

Date:	24.07.2018.
Test standard:	EN 61000-4-6:2014
Tested by:	Milivoje Miletić

5.5.1. Set up



Frequency range:	150 kHz – 80 MHz
Test level:	3 V
Modulation:	80 % AM, 1 kHz sine wave carrier
Frequency step:	1 % with dwell time 1 s
Injection ports:	AC power port (CDN M216)
EUT operation mode:	Third mode of operation

5.5.2. Results

A - During and after the test the EUT operated correctly and no changes were recorded in EUT behaviour.

Required performance criterion: A Test result: **PASS**

5.5.3. Deviations

None.

5.5.4. Comments

None.

5.6. Immunity to radiated RF field

Date:	19.07.2018.
Test standard:	EN 61000-4-3: 2006 + A1:2008 + A2:2010
Tested by:	Milivoje Miletić

5.6.1. Set up

Frequency range:	80 MHz – 1 GHz
Frequency step:	1 %
Dwell time:	1 s
Level:	3 V/m
Polarization:	HOR and VER
Modulation:	80 % AM; 1 kHz sine wave carrier
UFA:	1.5 x 1.5 m at 0.8 m height at 2.3 m distance from antenna
EUT operation mode:	Third mode of operation

5.6.2. Results

3 V/m	80 MHz – 1 GHz HOR	80 MHz – 1 GHz VER
Front	A	A
Rear	A	A
Left	A	A
Right	A	A

A - During and after the test EUT operated correctly and no changes were recorded in EUT behaviour.

Required performance criterion: A Test result: **PASS**

5.6.3. Deviations

None.

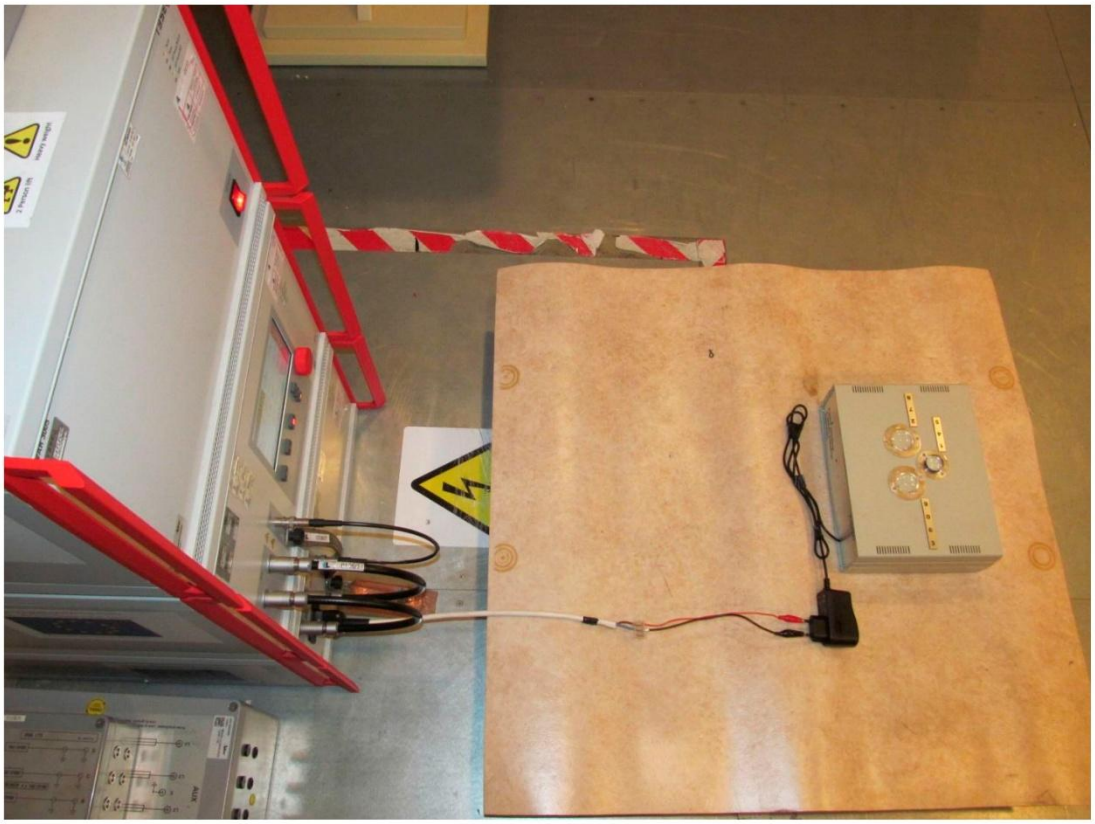
5.6.4. Comments

None.

5.7. EFT/Burst immunity test

Date:	14.07.2018.
Test standard:	EN 61000-4-4:2012
Tested by:	Milivoje Miletić

5.7.1. Set up



Level:	±1 kV
Duration:	120 s per polarity
Coupling:	Coupling/Decoupling network
Port:	AC mains port
Frequency:	5 kHz
Burst time:	75 spikes
Repetition time:	300 ms
EUT operation mode:	Third mode of operation

5.7.2. Results

Port	Test level [kV]	Required performance criterion	Result	Comments
AC power port	±1	B	A	During and after the test EUT operated correctly and no changes were recorded in EUT behaviour.

Required performance criterion: B

Test result: **PASS**

5.7.3. Deviations

None.

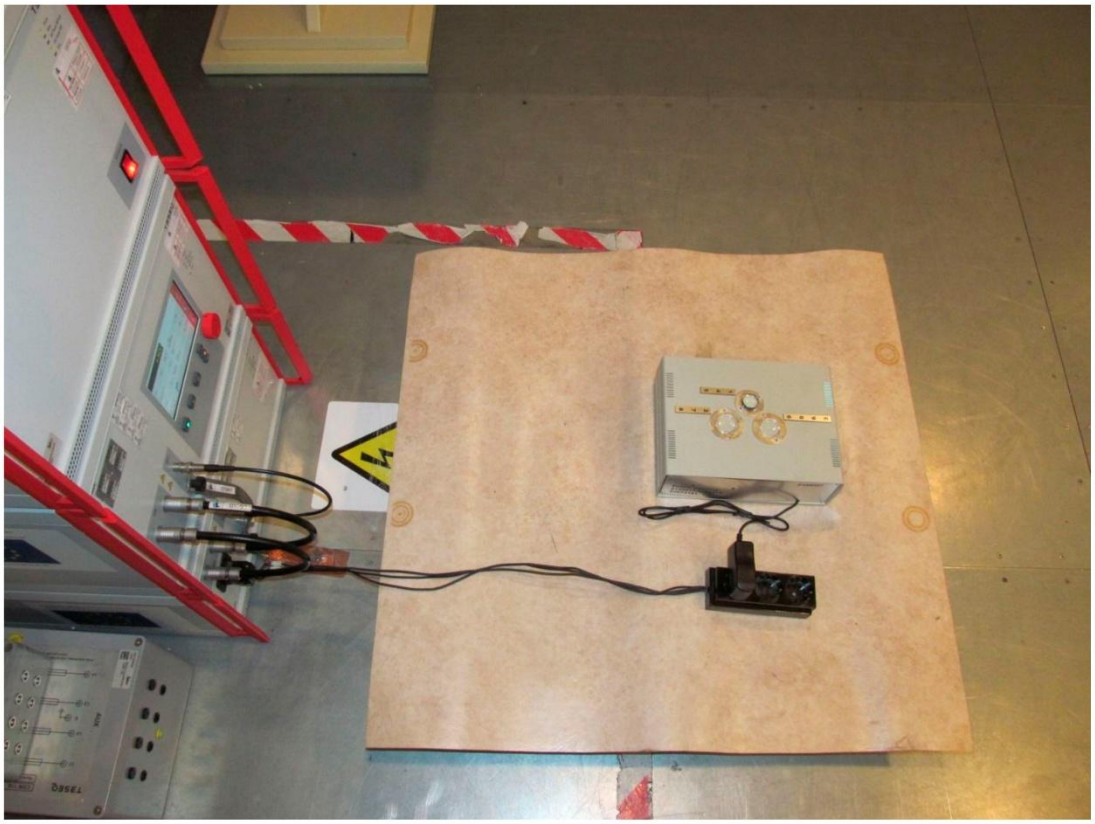
5.7.4. Comments

None.

5.8. Immunity to surge

Date:	26.07.2018.
Test standard:	EN 61000-4-5:2014
Tested by:	Milivoje Miletić

5.8.1. Set up



Port under test:	AC mains port
AC power port voltage:	230 V, 50 Hz
Test level:	±1 kV (peak) Line-to-line, differential mode Generator impedance: 2 Ω
Pulse shape:	1.2/50 (8/20) μs
Number of pulses:	5 POS and 5 NEG
Pause:	60 s
Synchronization angle:	90˚ for positive, 270˚ for negative pulses
EUT operation mode:	Third mode of operation

5.8.2. Results

A - During and after the test the EUT operated correctly and no changes were recorded in EUT behaviour.

Required performance criterion: B Test result: **PASS**

5.8.3. Deviations

None.

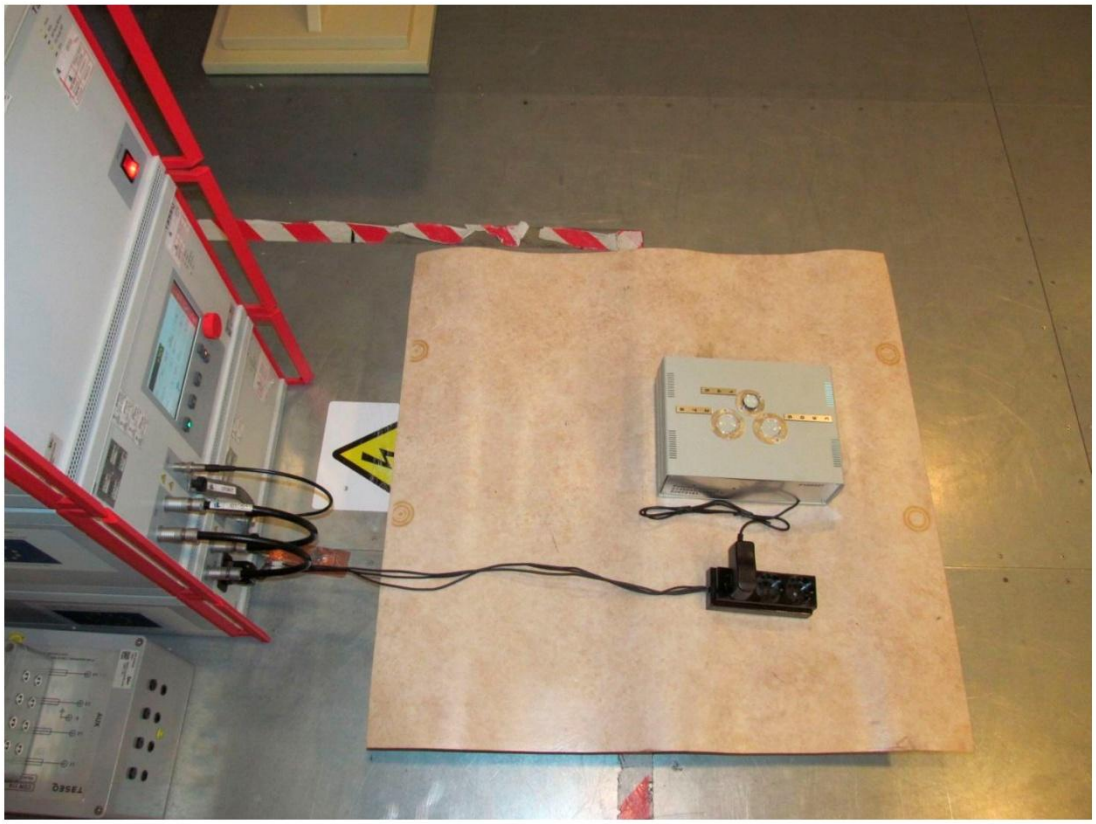
5.8.4. Comments

None.

5.9. Dips and short interruptions immunity test

Date: 26.07.2018.
Test standard: EN 61000-4-11:2004
Tested by: Milivoje Miletić

5.9.1. Set up



EUT operation mode: Third mode of operation
Changes to occur at: 0 degree crossover point of the voltage waveform.

5.9.2. Results

Test	Repetition time [s]	Test duration [trials]	T-event [cycles]	Voltage dip to [%]	Required performance criterion	Result	Comments
Voltage dips and short interruptions	10	3	0.5	0	C	A	No changes in the EUT's performance observed.
	10	3	10	40	C	A	No changes in the EUT's performance observed.
	10	3	25	70	C	A	No changes in the EUT's performance observed.

Required performance criterion: C

Test result: **PASS**

5.9.3. Deviations

None.

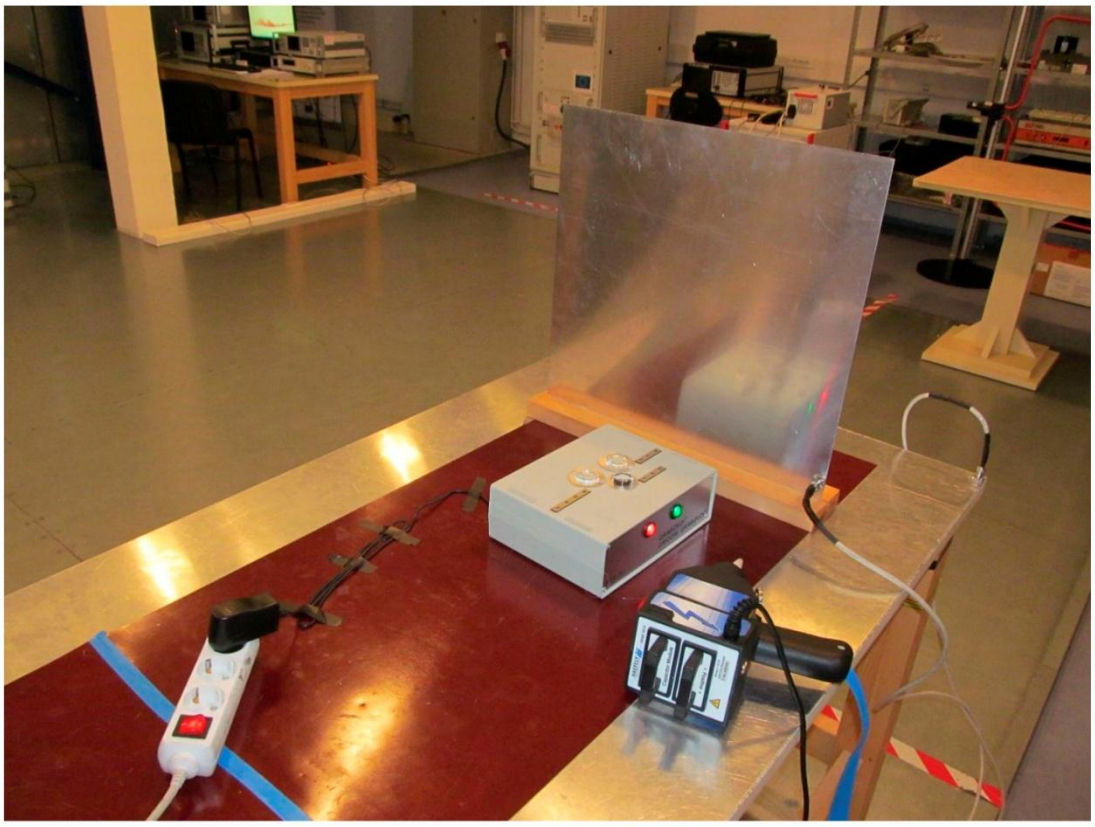
5.9.4. Comments

None.

5.10. Immunity to ESD

Date: 24.07.2018.
Test standard: EN 61000-4-2:2009
Tested by: Milivoje Miletić

5.10.1. Set up



EUT operation mode: Third mode of operation

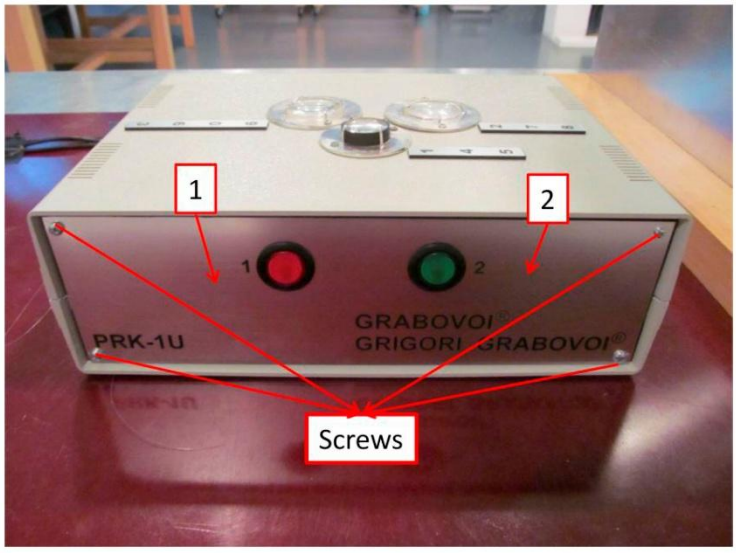
Environment conditions:

Temperature: 21.3 °C
Relative humidity: 42.1 % RH
Atmospheric pressure: 993 hPa

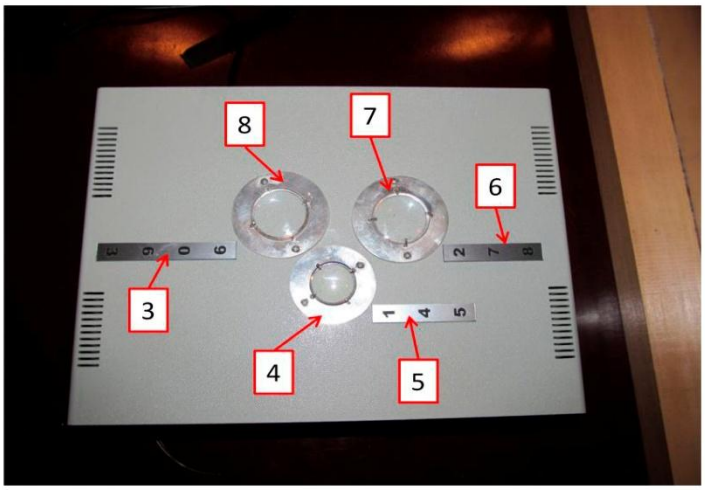
5.10.2. Results

Discharge type – Contact discharge *(A, B, C, D – performance criteria, X – not tested)*			
Test level [kV] **Place of discharge**	**+4**	**-4**	**Notes**
HCP	A	A	No deviations observed.
VCP	A	A	No deviations observed.
Screws	A	A	No deviations observed.
Metallic parts of the housing (discharge points 1~2, 9~10)	A	A	No deviations observed.
Metallic plates (discharge points 3~8)	A	A	No deviations observed.

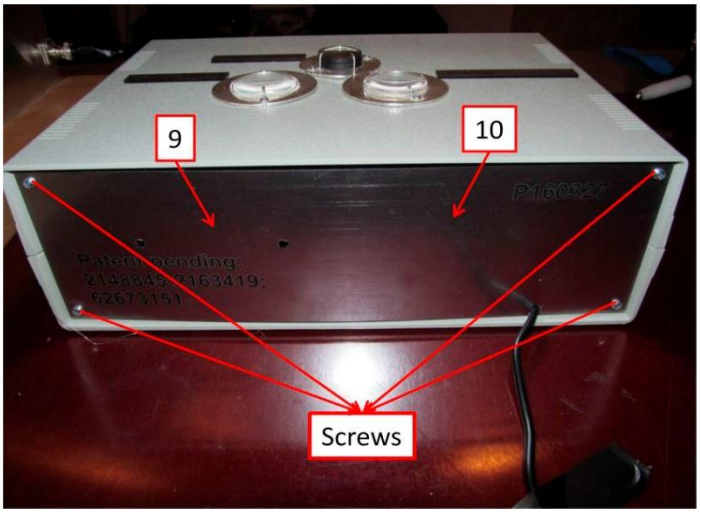
Discharge type – Air discharge *(A, B, C, D – performance criteria, X – not tested)*							
Test level [kV] **Place of discharge**	**+2**	**-2**	**+4**	**-4**	**+8**	**-8**	**Notes**
Housing	A	A	A	A	A	A	No discharge. No deviations observed.
Buttons	A	A	A	A	A	A	No discharge. No deviations observed.
Vents	A	A	A	A	A	A	No discharge. No deviations observed.
AC/DC adapter housing	A	A	A	A	A	A	No discharge. No deviations observed.



Discharge points 1~2



Discharge points 3~8



Discharge points 9~10

Required performance criterion: B

Test result: **PASS**

5.10.3. Deviations

None.

5.10.4. Comments

None.

6. Measurement equipment data

The following test equipment is used for tests:

Type	Manufacturer	Model	Ser.No.	IN number	USED IN TEST/-S Reported in the Clause/-s:
ESD gun set	Haefely	PESD3010	H707203	L-0052	5.10
Power supply/ Amplifier/ Control unit/ Analyser Reference System	Spitzenberger&Spies	EMV E 5000/PAS1	A 4979 02/0 1112	0100-0104	5.3, 5.4
CDN	Teseq	CDN 3061-C16	1422	0105	5.7, 5.8, 5.9
Conducted immunity generator	Teseq	NSG3060	1497	0106	5.7, 5.8, 5.9
dual variac	Teseq	VAR 3005-D16	1999	0110	5.9
Antenna	Teseq	CBL6144	35349	0115	5.2, 5.6
power meter	Teseq	PMU6006	73368	0123	5.6
Field strength sensor	Narda (PMM)	EP601	501WX2045 6	0124	5.6
software	Teseq	Compliance 5 E/I v5.26.4	517-2881623-74 and 517-2846725-70	0125	5.1, 5.2, 5.5, 5.6
Compact immunity test system	Teseq	NSG4070-75	35059	0126	5.5
attenuator	Teseq	ATN6075	33644	0127	5.5
V-network 4-line	Teseq	NNB52	27384	0134	5.1
ISN	Teseq	ISN T8	30901	0136	5.1
EMI receiver	Schaffner	SMR4503	81	0138	5.1, 5.2
Environmental monitor	Kimo	AQ200	12115072	0144	all
HCP					5.10
VCP					5.10
Semi anechoic chamber + antenna mast + controller	Comtest	3m		0305 + 306+ 307	5.2, 5.6
FU absorbers + ferrite tiles	DMAS HT45 + Comtest CAT-6			0308 + 309	5.6
CDN	Teseq	CDN M316S	33964	0128-2	5.5
Amplifier	Teseq	CBA 1G-150	T44175	0116	5.6
Amplifier	Teseq	CBA 3G-012	T44176	0117	5.6
Directional coupler	Bonn	BDC 0810-40/500	129058-02	0121	5.6
Directional coupler	Bonn	BDC 0842-40/200	129058-01	0122	5.6

7. Measurement uncertainty

For test 5.1: $U_{LAB} = U_{CISPR}$ = 3.4 dB - expanded uncertainty of measurement, expressed as the standard uncertainty of measurement multiplied by the coverage factor k = 2, which for normal distribution corresponds to a coverage probability of approximately 95 %. Measurement uncertainty calculation is carried out according to EN 55016-4-2:2011 + A1:2014.

For test 5.2: 4.9 dB (HOR 30 MHz – 300 MHz), 5 dB (VER 30 MHz – 300 MHz), 5.2 dB (HOR and VER 300 MHz – 2700 MHz) - Expanded uncertainty of measurement, expressed as the standard uncertainty of measurement multiplied by the coverage factor k = 2, which for normal distribution corresponds to a coverage probability of approximately 95 %. Measurement uncertainty is according to EN 55016-4-2:2004.

For test 5.3: 2,8654% - expanded uncertainty of measurement, expressed as the standard uncertainty of measurement multiplied by the coverage factor k = 2, which for normal distribution corresponds to a coverage probability of approximately 95 %.

For test 5.4: 2.87 % (d), 4.23 % (Pst) - expanded uncertainty of measurement, expressed as the standard uncertainty of measurement multiplied by the coverage factor k = 2, which for normal distribution corresponds to a coverage probability of approximately 95 %.

For immunity tests (5.5 - 5.10) used test equipment has been demonstrated during calibration to comply with the requirements of test standards having the calibration uncertainty taken into account.

8. General remarks

Date format is dd.mm.yyyy.

Decimal mark is indicated by dot (.) within the report.

9. Appendixes

None.

END OF THE REPORT

Izveštaj uz sertifikat na srpskom

Idvorski laboratorije d.o.o. Beograd
Volgina 15, 11060 Beograd

www.idvorsky.com
office@idvorsky.com
tel: +381 11 6776329

Idvorski laboratorije

IZVEŠTAJ SA EMC ISPITIVANJA broj	**496-1**
Datum izveštaja:	17.08.2018.
Datum ispitivanja:	19. – 26.07.2018.
Broj posla:	496

ATC 01-404
АКРЕДИТОВАНА ЛАБОРАТОРИЈА ЗА ИСПИТИВАЊЕ
SRPS ISO/IEC 17025:2006

Naručilac:	**Grigorii Grabovoi PR KONSALTING TECHNOLOGIES OF ETERNAL DEVELOPMENT,** Kneza Mihaila 21A lok 113 TC Milenijum, 11102 Beograd, Srbija
Proizvođač:	**Grigorii Grabovoi PR KONSALTING TECHNOLOGIES OF ETERNAL DEVELOPMENT,** Kneza Mihaila 21A lok 113 TC Milenijum, 11102 Beograd, Srbija
Proizvod (EUT):	Uređaj za razvoj koncentracija večnog života PRK-1U tri-mod
Model/ser.broj:	**PRK-1U tri-mod** ser. broj: P160327 (prvi uzorak) ser. broj: P160823 (drugi uzorak)

Nalaz ispitivanja: (samo za metode i kriterijume iz tačke 4. ovog izveštaja)	**ZADOVOLJAVA**

Napomene:

Nema.

Ispitivanja sproveo:

LAB inženjer Andrijana Lazić

LAB inženjer Milivoje Miletić

Verifikovao:

LAB inženjer Andrijana Lazić

m.p. Idvorski laboratorije Beograd-Zvezdara

Odobrio:

Tehnički rukovodilac Saša Jorgovanović

Ispitivanje i rezultati ispitivanja elektromagnetske kompatibilnosti (EMC) su važeći samo za ispitivani uzorak proizvoda (EUT).

1.SADRŽAJ

0. Naslovna strana

1. Sadržaj izveštaja o ispitivanju

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   2.2. Fotografije/šeme
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   2.4. Pomoćna oprema
   2.5. Kriterijumi i performanse
   2.6. Napomene o proizvodu

3. Uslovi ispitivanja

4. Metode ispitivanja i skraćeni prikaz rezultata

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   5.1. Ispitivanje kondukcione emisije
   5.2. Ispitivanje radijacione emisije
   5.3. Ispitivanje emisije harmonika struje
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   5.7. Ispitivanje imunosti na povorke brzih impulsa (EFT-B)
   5.8. Ispitivanje imunosti na prenaponski impuls
   5.9. Ispitivanje imunosti na propade i prekide napona
   5.10. Ispitivanje imunosti na elektrostatičko pražnjenje (ESD)

6. Podaci o mernoj opremi

7. Merna nesigurnost

8. Opšte napomene

9. Prilozi

2. Identifikacija proizvoda

2.1. Podaci

Opis uređaja: Razvoj koncentracija koje osiguravaju večni život svima sprovodi se posredstvom usmerenja pažnje na prijemnik generisanog biosignala i kontrole rezultata koncentracije. U psihologiji je poznato da što se bolje sprovodi koncentracija, utoliko se brže dostiže cilj, optimizuju se događaji. U uređaju polja koja nastaju generisnjem biosignala, elektromagnetna polja daju upravljanje za ostvarenje cilja koncentracija prema tom psihološkom faktoru po zakonu dejstva sveopštih veza. Uređaj razvija koncentraciju stvaralačkog upravljanja.

Uređaj je napravljen na osnovu dva patentirana izuma Grigori Grabovoia: „Sposobnost sprečavanja katastrofa i uređaj za njegovo ostvarenje“ i „Sistem prenosa informacija“.

U patentu „Sistem prenosa informacija“ zapisano je da, prema teoriji talasne sinteze, generisno zračenje misli može imati istovremeno dva kvantna stanja. Jedno od tih stanja se javlja na senzornom elementu predajnika signala, a drugo na prijemniku signala. To omogućava stvaranje uređaja koji osigurava večni život sa dejstvom s mišljenjem. U patentiranom izumu Grigori Grabovoia zapisano je da čovek-operater generiše informaciju u vidu zračenja misli. Tokom primene urđaja PRK-1U čovek koncentriše zračenje stvaralačke misli na sočiva koja se nalaza na gornjoj površini uređaja.

Tehnički podaci:

- Ulazni napon: 100-240 V, 50 Hz / 60 Hz, 0,45 A max
- Potrošnja: ne više od 12 W
- Dimenzije: 250 mm x 190 mm x 80 mm
- Težina: 1 kg

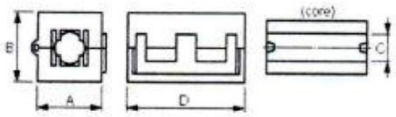
Napomena: ne smatra se da je EUT medicinski uređaj.

Napomena: dostavljena su dva uzorka. Prema zahtevu naručilaca, na **prvom uzorku** (ser. broj: **P160327**) se rade sva ispitivanja sem radijacione emisije. Na drugom uzorku (ser. broj: **P160823**), koji sadrži dodate ferite (detalji dati ispod), radi se samo ispitivanje radijacione emisije. Četri ferita stavljeni su unutar uređaja (sa trostrukim navojem), jedan je postavljen na kabl za napajanje AC/DC adaptera uz već postojeći ferit koji dolazi uz AC/DC adapter (koji je skinut kod prvog uzorka). Takođe postoji razlika i u dužini napojnih kablova kod dva uzorka. Kod prvog, dužina kabla od AC/DC adaptera do uređaja iznosi 1 m, kod drugog 1,2 m.

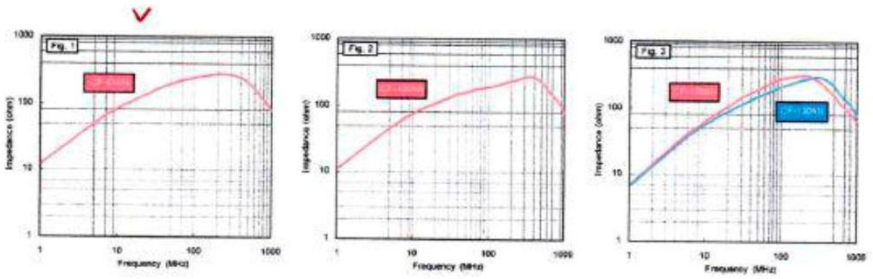
Podaci od AC/DC adapteru

Proizvođač:	SHENZEN JINHUASHENG POWER TECHNOLOGY CO. LTD.
Model:	RS-AB1000
Zemlja porekla:	Kina

Split EMI Suppression Cores (CF Series)

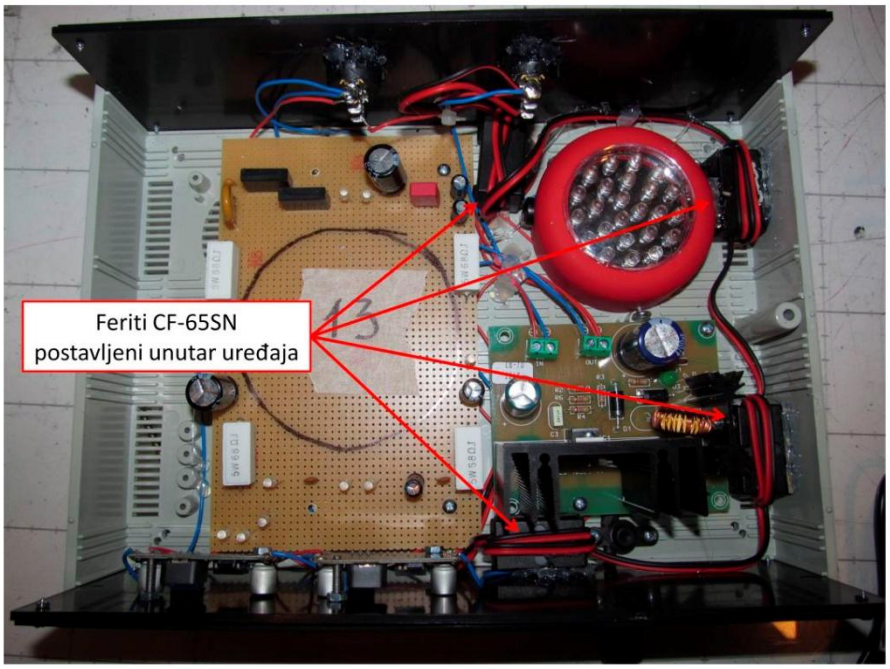


Part Number	A (mm)	B (mm)	C (mm)	D (mm)	Typical Impedance (ohm)		Z-F Fig.
					25MHz	100MHz	
CF-65SN	17.8	19.5	6.5	32.5	140	240	1
CF-100SN	22.3	23.3	10.0	32.6	120	190	2
CF-130SN	29.6	30.5	13.0	33.0	125	280	3



Opis dodatih ferita na drugi uzorak (crvenim markerom obeležen je model koji je korišćen)

Proizvođač ferita: Crown Ferrite Enterprise Co., 17, Alley 14, Lane 165, Kang-Ning Rd., Sec. 3, Nei-Hu District Taipei, Taiwan


Feriti CF-65SN
postavljeni unutar uređaja


Ferit CF-65SN (dvostruki navoj)
Ferit AC/DC adaptera

2.2. Fotografije/šeme

EUT (prvi uzorak), prednja strana

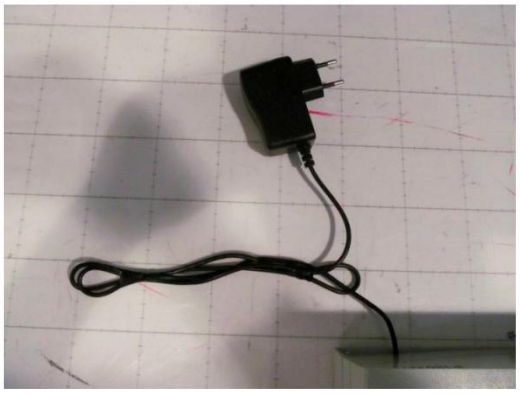
EUT (prvi uzorak), gornja strana

EUT (prvi uzorak), desna strana

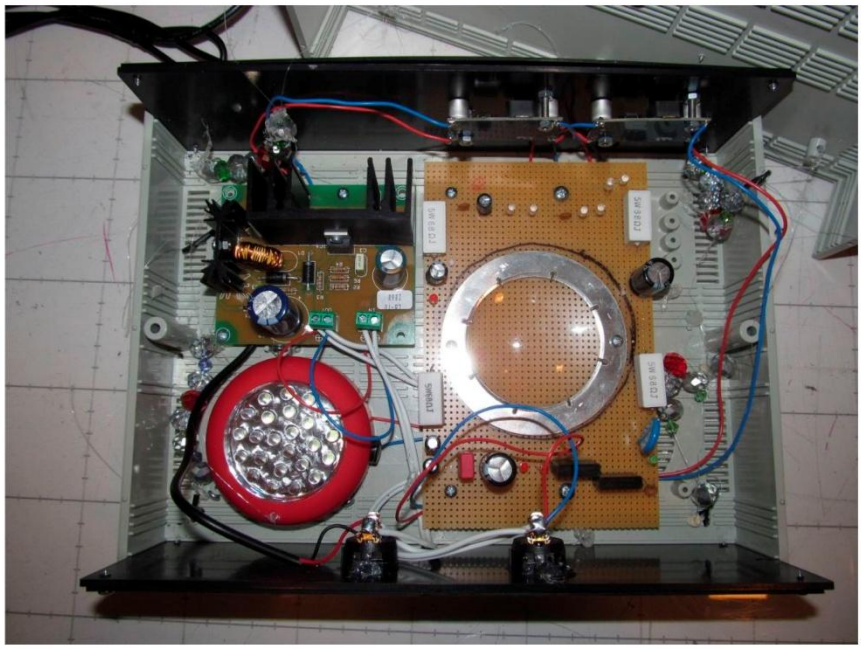
EUT (prvi uzorak), leva strana

EUT (prvi uzorak), zadnja strana

EUT (prvi uzorak), donja strana



AC/DC adapter (prvi uzorak)



EUT (prvi uzorak), unutra

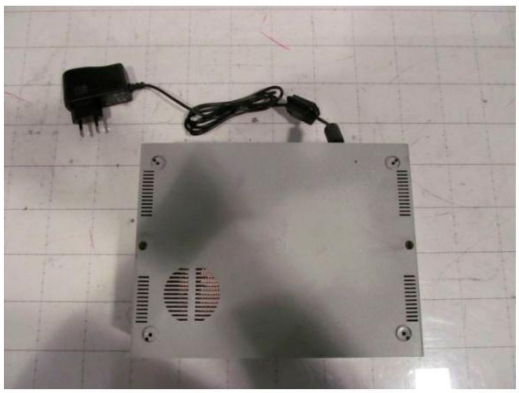
EUT (drugi uzorak), prednja strana

EUT (drugi uzorak), gornja strana

EUT (drugi uzorak), desna strana

EUT (drugi uzorak), leva strana

EUT (drugi uzorak), zadnja strana



EUT (drugi uzorak), donja strana

AC/DC adapter (drugi uzorak)

EUT (drugi uzorak), unutra

2.3. Modovi/režimi rada

Režim rada	Opis režima rada
Treći režim	Uređaj je priključen na gradsku distributivnu mrežu (230 V, 50 Hz) i uključi se pritiskom na taster 1. EUT je sada u prvom režimu rada, što je neka vrsta standby režima. Pritiskom na taster 2 uključi se LED svetiljka. Ovo je drugi režim rada. Uređaj se u treći režim rada pušta tako što se uređaj isključi na taster 1, dok je taster 2 ostao u položaju za uključivanje drugog režima, a zatim se tasterom 1 uređaj ponovo uključi. LED svetiljka daje sada pulsirajuće svetlo. Uređaj je sada u trećem režimu rada.

2.4. Pomoćna oprema

Nema.

2.5. Kriterijumi i performanse

2.5.1.Kriterijumi za emisiju

Kondukciona RF emisija od 150 kHz – 30 MHz: Zahtevane granice su prema zahtevu klijenta i u skladu sa tabelom 1, klauzule 4.1.1.3, standarda SRPS EN 55014-1:2010+A1:2010+A2:2012.

Radijaciona RF emisija od 30 MHz – 1 GHz: Zahtevane granice su prema zahtevu klijenta i u skladu sa tabelom 4, klauzule 4.1.3, standarda SRPS EN 55014-1:2010+A1:2010+A2:2012.

Ispitivanje emisije harmonika struje: Zahtevane granice su prema zahtevu klijenta i u skladu sa tabelom 1 za opremu klase A iz aneksa A standarda SRPS EN 61000-3-2:2014.

Ispitivanje generisanja flikera: Zahtevane granice su prema zahtevu klijenta i u skladu sa tačkom 5 standarda SRPS EN 61000-3-3:2014.

2.5.2.Kriterijumi za imunost

Kriterijumi prihvatanja za ispitivanje imunosti:

Kriterijum A - U toku ispitivanja uređaj mora da nastavi da radi kao što je predviđeno. Kada se uređaj koristi kao što je predviđeno, nije dozvoljeno da dođe do pogoršanja performanse ili gubitka funkcije (ili dozvoljenog pogoršanja performanse) ispod nivoa koji je njegov proizvođač specificirao. Ako proizvođač nije specificirao najmanji nivo ili dozvoljeni gubitak performanse, tada bilo koja od ovih karakteristika može da bude izvedena iz opisa proizvoda i dokumentacije, kao i iz onoga što korisnik može realno da očekuje od uređaja ako se koriste kao što je predviđeno.

Kriterijum B - Nakon ispitivanja uređaj mora da nastavi da radi kao što je predviđeno. Kada se uređaj koristi kao što je predviđeno, nije dozvoljeno da dođe do pogoršanja performanse ili gubitka funkcije (ili dozvoljenog pogoršanja performanse) ispod nivoa koji je njegov proizvođač specificirao. Međutim, u toku ispitivanja dozvoljeno je pogoršanje performanse, ali nije dozvoljena nikakva promena stvarnog radnog stanja ili uskladištenih podataka. Ako proizvođač nije specificirao najmanji nivo ili dozvoljeni gubitak performanse, tada bilo koja od ovih karakteristika može da bude izvedena iz opisa proizvoda i dokumentacije, kao i iz onoga što korisnik može realno da očekuje od uređaja ako se koriste kao što je predviđeno.

Kriterijum C - Dozvoljen je privremeni gubitak funkcije, pod uslovom da se funkcija može sama ponovo uspostaviti ili se može ponovo uspostaviti pomoću komandi ili bilo kojom drugom operacijom specificiranom u uputstvu za upotrebu.

Kriterijum	Opis performasi normalnog režima rada ili poremećaja	Mod rada
A	Smetnje ne smeju uticati na rad uređaja ni na koji način. Nije dozvoljen restart, promena režima rada ili promena intenziteta ili učestanosti ponavljanja pulsirajuće svetlosti, što se neprestano vizualno prati.	**Treći režim**
B	Smetnje ne smeju izazvati restart uređaja ili da izazovu promenu režima rada, ali smeju privremeno (reda par sekundi) da utiču na rad uređaja, npr. promenom intenziteta ili učestanosti ponavljanja pulsirajuće svetlosti. Nije dozvoljena intervencija čoveka da otkloni bilo kakve trajne posledice koje su smetnje eventualno izazvale.	**Treći režim**
C	Smetnje smeju da izazovu restart, promene režim rada uređaja, ili utiču na njegov rad na bilo koji način pod uslovom da, ukoliko ima trajnih posledica, se mogu otkloniti intervencijom čoveka.	**Treći režim**

2.6. Napomene o proizvodu
Nema.

3. Uslovi ispitivanja

Temperatura: 20,5 - 23,7 °C
Relativna vlažnost vazduha: 42 – 49,8 %
Atmosferski pritisak: 989 - 995 hPa

4. Metode ispitivanja i skraćeni prikaz rezultata

Uređaj se ispituje u laboratoriji.
Uređaj se ispituje kao oprema koja stoji na stolu.
Uređaj se ispituje kao oprema kategorije II iz tačke 7.2.2 standarda SRPS EN 55014-2:2015.

Prema kriterijumima navedenim u tački 2.5 ovog izveštaja i test planu po zahtevu naručioca:

METODA / STANDARD	PORT	TEST NIVO (STANDARD)	MOD RADA	ZAHTEVANI KRITERIJUM	REZULTAT
Ispitivanje kondukcione emisije SRPS EN 55014-1: 2010 + A1:2010 +A2:2012	AC napojni port	**SRPS EN 55014-1: 2010 + A1:2010 +A2:2012 Tabela 1, tačka 4.1.1.3** 150 kHz – 30 MHz Primena LISN-a	Treći režim	/	**ZADOVOLJAVA**
Ispitivanje radijacione emisije Referenciran SRPS EN 55022:2010 Primenjen SRPS EN 55022:2011+AC:2012(1)	Kućište	**SRPS EN 55014-1: 2010 + A1:2010 +A2:2012 Tabela 3, tačka 4.1.3** 30 MHz – 1 GHz Merenje smetnji sa rastojanja od 3 m u SAC	Treći režim	/	**ZADOVOLJAVA**
Ispitivanje emisije harmonika struje SRPS EN 61000-3-2:2014	AC napojni port	**SRPS EN 61000-3-2:2014 Klasa A, tabela 1** Tip testa: fluctuating harmonics 2,5 min Napon: 230 V, 50 Hz Time window: 200 ms	Treći režim	/	**ZADOVOLJAVA**
Ispitivanje generisanje flikera SRPS EN 61000-3-3:2014	AC napojni port	**SRPS EN 61000-3-3:2014 Klasa 5** Napon: 230 V, 50 Hz Period posmatranja: 10 min Broj posmatranja: 1	Treći režim	/	**ZADOVOLJAVA**
Ispitivanje imunosti na kondukcione RF smetnje SRPS EN 61000-4-6: 2014	AC napojni port	**SRPS EN 55014-2: 2015 Tačka 5.3** 3 V, AM 80 %, 1 kHz 1 s dwell time Primena smetnji preko CDN M216	Treći režim	A	**ZADOVOLJAVA**
Ispitivanje imunosti na radijaciono RF polje SRPS EN 61000-4-3:2008+A1:2009+A2:2012	Kućište	**SRPS EN 55014-2:2015 Tačka 5.5** 3 V/m, AM 80 %, 1 kHz 1 s dwell time 80 MHz – 1000 MHz Testirano u SAC UFA: 1,5 m x 1,5 m, 2,3 m od antene	Treći režim	A	**ZADOVOLJAVA**

Ispitivanje imunosti na povorke brzih impulsa (EFT-B) SRPS EN 61000-4-4:2013	AC napojni port	**SRPS EN 55014-2:2015** **Tačka 5.2** Testirano u laboratoriji CDN, zajednički mod ±1 kV (peak), 5/50 Tr/Th ns, Repetition frequency: 5 kHz Trajanje:120 s po polaritetu	Treći režim	B	**ZADOVOLJAVA**
Ispitivanje imunosti na prenaponske impulse SRPS EN 61000-4-5:2014	AC napojni port	**SRPS EN 55014-2:2015** **Tačka 5.6** 1,2/50 (8/20) Tr/Th µS ±1 kV phase line to neutral line 5 positive and 5 negative pulses Pause: 60 s Generator impedance: 2 Ω Phase angle: 90 deg for positive, 270 deg for negative pulses Impulsi se primenju preko CDN-a	Treći režim	B	**ZADOVOLJAVA**
Ispitivanje imunosti na elektrostatičko pražnjenje (ESD) SRPS EN 61000-4-2:2009	Kućište	**SRPS EN 55014-2:2015** **Tačka 5.1** Oprema koja stoji na stolu 4 kV (Kontaktno pražnjenje) no HCP, VCP, šrafovi, metalni delovi kućišta, metalne pločice 8 kV (Vazdušno pražnjenje) tasteri, plastično kućište, ventilacioni otvori, ac/dc adapter No post-installation test	Treći režim	B	**ZADOVOLJAVA**
Ispitivanje imunosti na propade i prekide napona SRPS EN 61000-4-11:2008	AC napojni port	**SRPS EN 55014-2:2015** **Tačka 5.7** Napajanje: 230 V, 50 Hz Changes of supply voltage occur at zero crossings of the voltage Broj primena: 3 Pauza između primena: 10 s Propad napona na: 70%/40%/0% za 25/10/0.5 perioda	Treći režim	C	**ZADOVOLJAVA**

(1) Referencirana test metoda prema SRPS EN 55014-1:2010+A1:2010+A2:2012 u prilogu ZA. Laboratorija primenjuje standard koji u sklopu obima akreditacije, a dva standarda su prethodno upoređena i utvrđeno je da ne postoji značajna razlika koja se odnosi na testove.

5. Rezultati ispitivanja

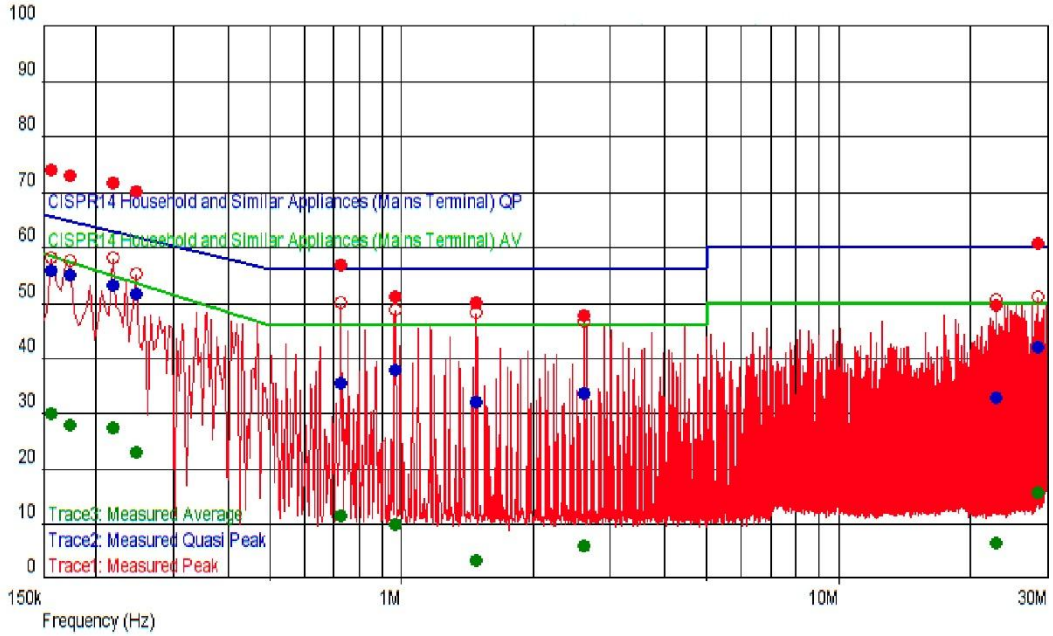
5.1. Ispitivanje kondukcione emisije

Datum: 19.07.2018.
Test standard: SRPS EN 55014-1:2010 + A1:2010 +A2:2012
Testirala: Andrijana Lazić

5.1.1.Setup (ispitna postavka)

Port koji se ispituje:	AC napojni port
Napon AC napojnog porta:	223 V, 50 Hz
Opseg učestanosti:	150 kHz – 30 MHz
Prescan dwell time:	10 ms
Prescan detektor:	Peak
Korak po učestanosti:	4 kHz
Trajanje finalnog merenja:	15 s
EUT mod rada:	Treći režim

5.1.2.Rezultati



f [MHz]	Pk level [dBuV]	QP level [dBuV]	QP limit [dBuV]	QP margin [dB]	Av level [dBuV]	Av limit [dBuV]	Av margin [dB]	LINE
0,158	73,825	55,54	65,568	-10,03	29,765	58,439	-28,674	N
0,174	72,768	54,78	64,767	-9,99	27,848	57,397	-29,549	L1
0,218	71,444	52,9	62,895	-9,99	27,114	54,963	-27,849	L1
0,246	69,809	51,55	61,891	-10,34	22,739	53,658	-30,919	L1
0,726	56,769	35,36	56	-20,64	11,259	46	-34,741	L1
0,966	50,799	37,56	56	-18,44	9,689	46	-36,311	L1
1,482	49,945	32,01	56	-23,99	3,355	46	-42,645	N
2,614	47,5	33,34	56	-22,66	5,74	46	-40,26	L1
22,91	49,395	32,79	60	-27,21	6,445	50	-43,555	L1
28,498	60,608	41,76	60	-18,24	15,458	50	-34,542	L1

Rezultat ispitivanja: **ZADOVOLJAVA**

5.1.3.Devijacije

Nema.

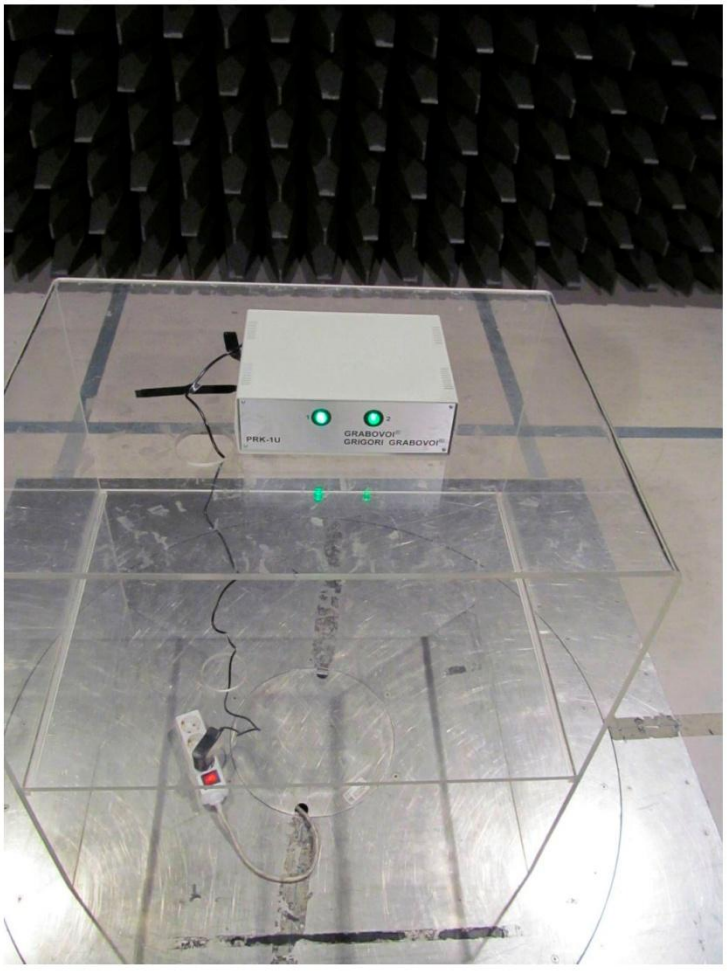
5.1.4.Komentari

Nema.

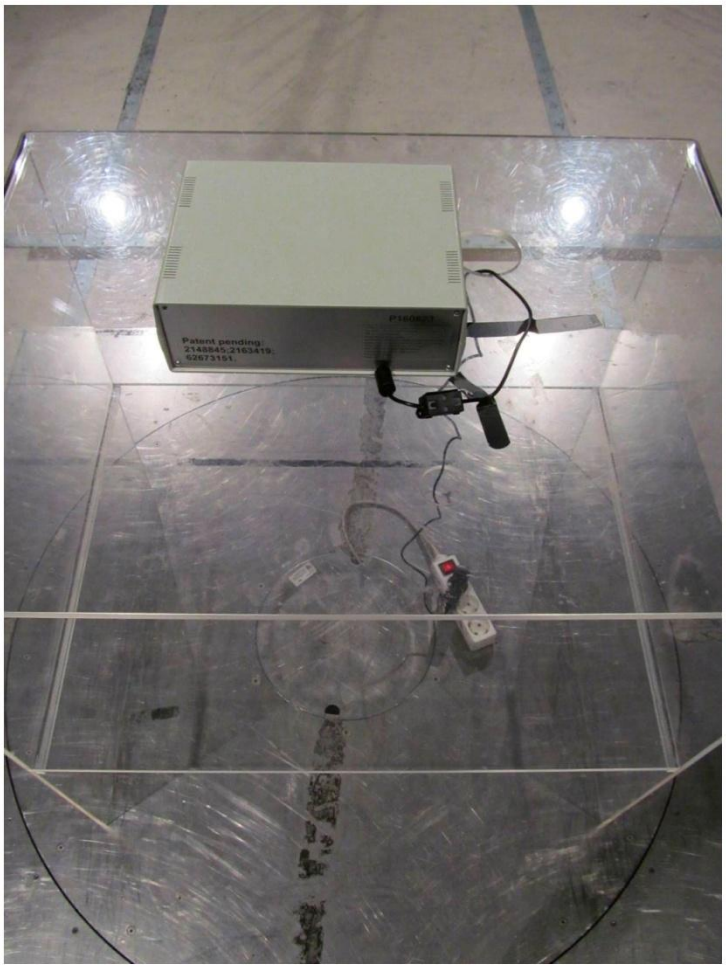
5.2. Ispitivanje radijacione emisije

Datum: 26.07.2018.
Test standard: SRPS EN 55022:2011+AC:2012
Testirao: Milivoje Miletić

5.2.1.Setup (ispitna postavka)



Prednja strana



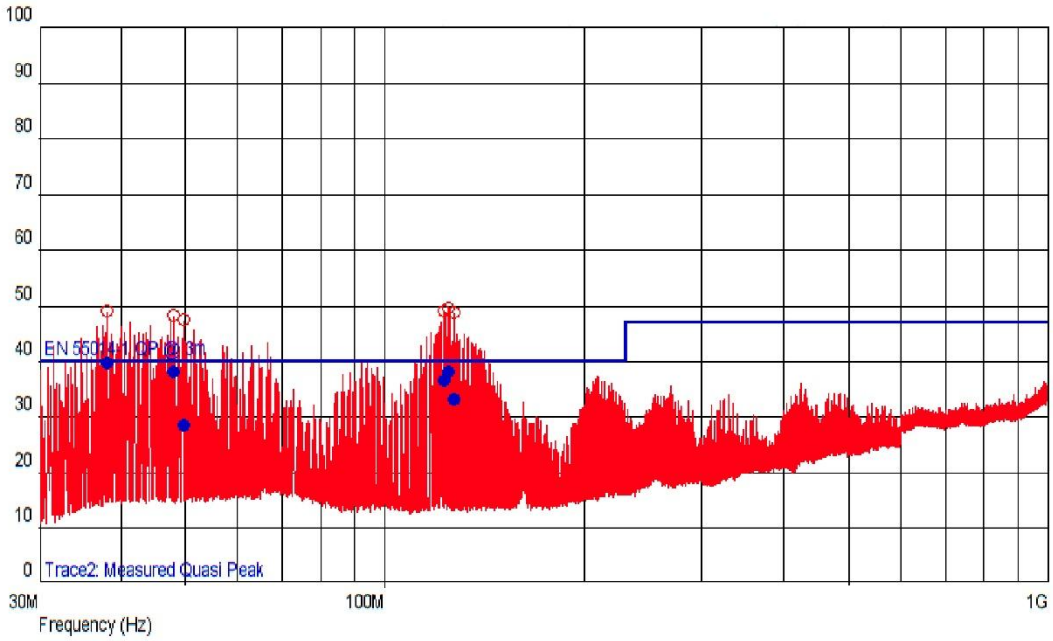
Zadnja strana

Test lokacija: semi-anehoična komora
Udaljenost EUT-a od antene: 3 m
Azimut: 0˚ (vidi sliku)
Režim rada: Treći režim

Limiti:

Frekvencijski opseg [MHz]	Kvazi-vršna vrednost [dB(µV/m)]
30 – 230	40
230 – 1000	47

5.2.2.Rezultati



Lista odabranih smetnji:

Frekvencija [MHz]	Nivo [dBuV/m]	QP limit [dBuV/m]	Margina [dB]	Polarizacija	Azimut [deg]	Visina antene [m]
38,000800	39,36	40	-0,64	|	12	1,06
48,040850	37,94	40	-2,06	|	261	1,06
49,719025	28,36	40	-11,64	|	181	3,7
122,599650	36,37	40	-3,63	|	156	1,95
124,599925	37,96	40	-2,04	|	162	1,61
127,319750	32,91	40	-7,09	|	95	2,62

Rezultat ispitivanja: **ZADOVOLJAVA**

5.2.3.Devijacije

Nema.

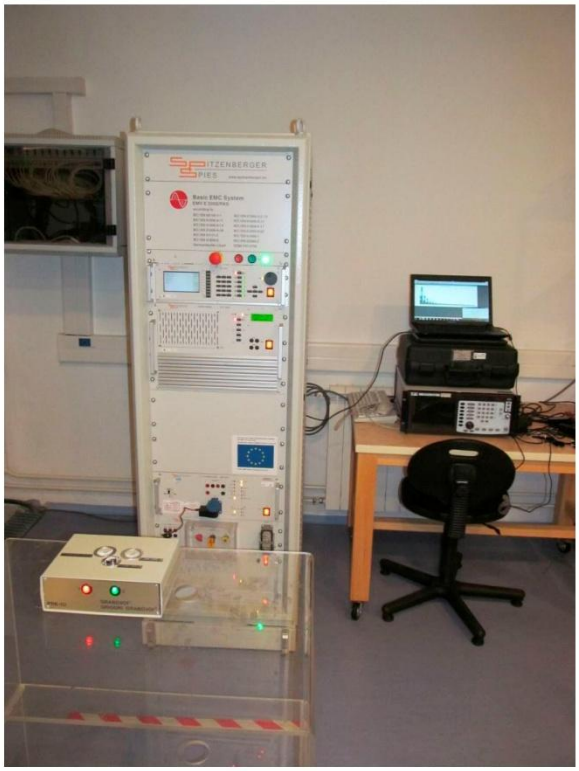
5.2.4.Komentari

Ovi rezultati važe samo uz korišćenje ferita opisanih u tački 2.1.

5.3. Ispitivanje emisije harmonika struje

Datum: 19.07.2018.
Test standard: SRPS EN 61000-3-2:2014
Testirao: Milivoje Miletić

5.3.1. Setup (ispitna postavka)



Parametar	Podešavanje opreme
Klasa uređaja	A
Tip testa	Fluktuirajući harmonici, 2,5 min
Test napon	230V, 50 Hz
Vremenski prozor	200 ms
Režim rada	Treći režim

5.3.2.Rezultati

Maximum RMS current and corresponding values in timewindow 65:

Voltage:	230.31 Vrms		THD=0.01 %	THV=0.027 V	POHV=0.009 V	PWHD=0.03 %
Current:	0.048 Arms		THD=514.60 %	THC=0.042 A	POHC=0.012 A	PWHD=1106.32 %
Power:	1.8 W	P1=1.8 W	11.1 VA			
Power factor:	0.165	CosPhi1: 0.978				

HARMONIC ANALYSIS: Test PASS
Tobs = entire measurement; POHC: avg=0.00 A, limits=0.25 A
Iavg=0.042 Arms

Ha	Entire measurement (2.5 min = 750 time windows)							Worst 2.5 min		Average		PASS	FAIL
	Maximum	Window	EN61000-3-2 Class A	Margin in MaxWin	100 to 150%	150 to 200%	Ex-ceeded	100 to 150%	Ex-ceeded	Value	Ex-ceeded		
DC	-0.0048 A	372	-.----	---.-	0	0	0	n.e.	n.e.	-0.0013 A	0	X	
1	0.0083 A	453	-.----	---.-	0	0	0	n.e.	n.e.	0.0075 A	0	X	
2	0.0068 A	64	1.0800 A	-99.4 %	0	0	0	n.e.	n.e.	0.0045 A	0	X	
3	0.0180 A	86	2.3000 A	-99.2 %	0	0	0	n.e.	n.e.	0.0161 A	0	X	
4	0.0090 A	65	0.4300 A	-97.9 %	0	0	0	n.e.	n.e.	0.0062 A	0	X	
5	0.0164 A	86	1.1400 A	-98.6 %	0	0	0	n.e.	n.e.	0.0148 A	0	X	
6	0.0085 A	58	0.3000 A	-97.2 %	0	0	0	n.e.	n.e.	0.0060 A	0	X	
7	0.0143 A	86	0.7700 A	-98.1 %	0	0	0	n.e.	n.e.	0.0129 A	0	X	
8	0.0079 A	58	0.2300 A	-96.6 %	0	0	0	n.e.	n.e.	0.0057 A	0	X	
9	0.0119 A	93	0.4000 A	-97.0 %	0	0	0	n.e.	n.e.	0.0108 A	0	X	
10	0.0071 A	58	0.1840 A	-96.1 %	0	0	0	n.e.	n.e.	0.0053 A	0	X	
11	0.0095 A	93	0.3300 A	-97.1 %	0	0	0	n.e.	n.e.	0.0086 A	0	X	
12	0.0063 A	51	0.1533 A	-95.9 %	0	0	0	n.e.	n.e.	0.0048 A	0	X	
13	0.0073 A	93	0.2100 A	-96.5 %	0	0	0	n.e.	n.e.	0.0066 A	0	X	
14	0.0057 A	51	0.1314 A	-95.7 %	0	0	0	n.e.	n.e.	0.0044 A	0	X	
15	0.0057 A	86	0.1500 A	-96.2 %	0	0	0	n.e.	n.e.	0.0051 A	0	X	
16	0.0051 A	51	0.1150 A	-95.6 %	0	0	0	n.e.	n.e.	0.0039 A	0	X	
17	0.0050 A	86	0.1324 A	-96.2 %	0	0	0	n.e.	n.e.	0.0043 A	0	X	
18	0.0045 A	72	0.1022 A	-95.6 %	0	0	0	n.e.	n.e.	0.0034 A	0	X	
19	0.0049 A	86	0.1184 A	-95.9 %	0	0	0	n.e.	n.e.	0.0040 A	0	X	
20	0.0041 A	72	0.0920 A	-95.5 %	0	0	0	n.e.	n.e.	0.0031 A	0	X	
21	0.0049 A	65	0.1071 A	-95.5 %	0	0	0	n.e.	n.e.	0.0040 A	0	X	
22	0.0038 A	72	0.0836 A	-95.4 %	0	0	0	n.e.	n.e.	0.0028 A	0	X	
23	0.0048 A	65	0.0978 A	-95.1 %	0	0	0	n.e.	n.e.	0.0040 A	0	X	
24	0.0036 A	72	0.0767 A	-95.3 %	0	0	0	n.e.	n.e.	0.0027 A	0	X	
25	0.0045 A	65	0.0900 A	-94.9 %	0	0	0	n.e.	n.e.	0.0038 A	0	X	
26	0.0034 A	72	0.0708 A	-95.2 %	0	0	0	n.e.	n.e.	0.0026 A	0	X	
27	0.0041 A	35	0.0833 A	-95.0 %	0	0	0	n.e.	n.e.	0.0035 A	0	X	
28	0.0032 A	179	0.0657 A	-95.1 %	0	0	0	n.e.	n.e.	0.0025 A	0	X	
29	0.0037 A	35	0.0776 A	-95.2 %	0	0	0	n.e.	n.e.	0.0032 A	0	X	
30	0.0031 A	179	0.0613 A	-94.9 %	0	0	0	n.e.	n.e.	0.0024 A	0	X	
31	0.0034 A	35	0.0726 A	-95.3 %	0	0	0	n.e.	n.e.	0.0029 A	0	X	
32	0.0029 A	179	0.0575 A	-94.9 %	0	0	0	n.e.	n.e.	0.0023 A	0	X	
33	0.0032 A	35	0.0682 A	-95.3 %	0	0	0	n.e.	n.e.	0.0028 A	0	X	
34	0.0027 A	179	0.0541 A	-94.9 %	0	0	0	n.e.	n.e.	0.0022 A	0	X	
35	0.0030 A	35	0.0643 A	-95.3 %	0	0	0	n.e.	n.e.	0.0027 A	0	X	
36	0.0025 A	179	0.0511 A	-95.1 %	0	0	0	n.e.	n.e.	0.0020 A	0	X	
37	0.0029 A	86	0.0608 A	-95.2 %	0	0	0	n.e.	n.e.	0.0026 A	0	X	
38	0.0024 A	79	0.0484 A	-95.1 %	0	0	0	n.e.	n.e.	0.0019 A	0	X	
39	0.0028 A	35	0.0577 A	-95.1 %	0	0	0	n.e.	n.e.	0.0024 A	0	X	
40	0.0022 A	79	0.0460 A	-95.2 %	0	0	0	n.e.	n.e.	0.0018 A	0	X	

average value < 0.6 % of Iavg or < 5 mA n.e. = not evaluated

Rezultat ispitivanja: **ZADOVOLJAVA**

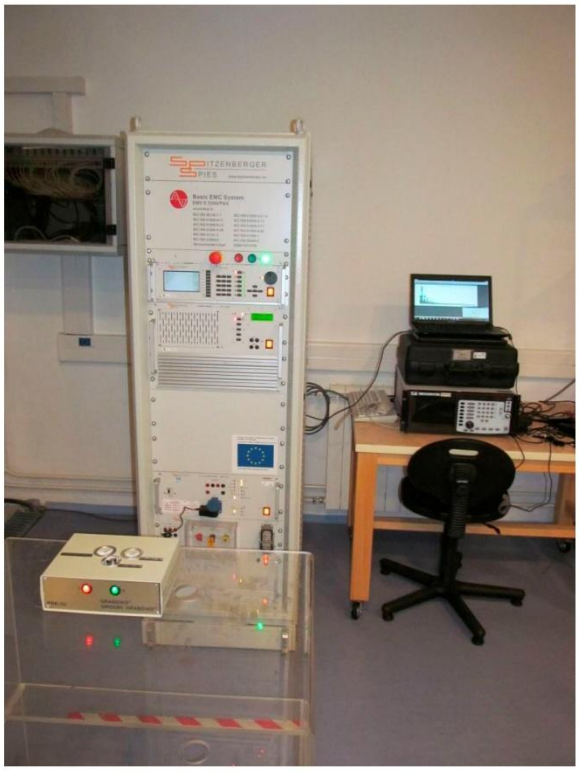
5.3.3.Devijacije
Nema.

5.3.4.Komentari
Nema.

5.4. Ispitivanje generisanje flikera

Datum: 19.07.2018.
Test standard: SRPS EN 61000-3-3:2014
Testirao: Milivoje Miletić

5.4.1.Setup (ispitna postavka)



Parametar	Podešavanja
Test napon	230 V, 50 Hz
Broj posmatranja	1
Period posmatranja	10 min
Režim rada	Treći režim

5.4.2.Rezultati

FLICKER: Test PASS!

Time	Pmax	Pst	Sliding Plt	d(t)>3.30% [s]	dmax [%]	dc [%]	PASS	FAIL
12:05:28	0.001	0.0210	-.----	0.000	+0.000	-.---	X	
Limits:		1.000	0.650	0.500	4.000	3.300		
Plt: 0.009173 (calculated over 12 periods)							X	
Evaluated: PST, PLT, Sliding PLT, dc, dmax, d(t)								

FLICKER: Source test PASS!

Time	Pmax	Pst	Sliding Plt	d(t)>3.30% [s]	dmax [%]	dc [%]	PASS	FAIL
12:05:28	0.000	0.0040	-.----	0.000	+0.000	-.---	X	
Plt: 0.001747 (calculated over 12 periods)								
Evaluated: PST <= 0.4 dmax < 20 % dmax1								

Rezultat ispitivanja: **ZADOVOLJAVA**

5.4.3.Devijacije

Nema.

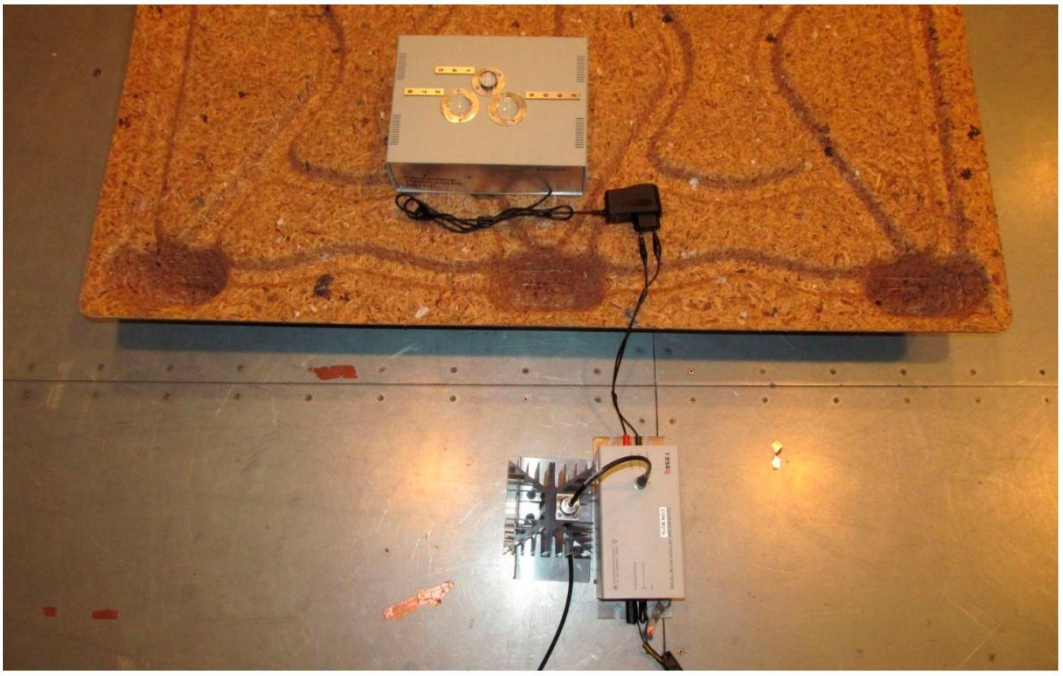
5.4.4.Komentari

Nema.

5.5. Ispitivanje imunosti na kondukcione RF smetnje

Datum: 24.07.2018.
Test standard: SRPS EN 61000-4-6:2014
Testirao: Milivoje Miletić

5.5.1. Setup (ispitna postavka)



Frekvencijski opseg: 150 kHz – 80 MHz
Test nivo: 3 V
Modulacija: 80 % AM, sinusoidalna 1 kHz
Korak učestanosti: 1 % sa vremenom zadržavanja 1 s
Port koji se ispituje: AC napojni port primenon CDN-a M216
Radni režim EUT-a: Treći režim

5.5.2. Rezultati

A – Za vreme i nakon ispitivanja uređaj radi kako je predviđeno i nisu primećene promene u njegovom radu.

Zahtevani kriterijum: A Rezultat ispitivanja: **ZADOVOLJAVA**

5.5.3. Devijacije
Nema.

5.5.4. Komentari
Nema.

5.6. Ispitivanje imunosti na radijaciono RF polje

Datum: 19.07.2018.
Test standard: SRPS EN 61000-4-3:2008+A1:2009+A2:2012
Testirala: Milivoje Miletić

5.6.1.Setup (ispitna postavka)

Opseg učestanosti: 80 MHz – 1 GHz
Korak po učestanosti: 1 % prethodne učestanosti
Vreme izloženosti: 1 s
Nivo: 3 V/m
Polarizacija: HOR i VER
Modulacija: 80 % AM; prostoperiodični signal frekvencije 1kHz
UFA: 1,5 x 1,5 m na visini od 0,8 m; na rastojanju: 2,3 m od antene
Režim rada EUT-a: Treći režim

5.6.2. Rezultati

3 V/m	80 MHz –1 GHz HOR	80 MHz – 1 GHz VER
Napred	A	A
Pozadi	A	A
Levo	A	A
Desno	A	A

A – Za vreme i nakon ispitivanja uređaj radi kako je predviđeno i nisu primećene promene u njegovom radu.

Zahtevani kriterijum: A

Rezultat ispitivanja: **ZADOVOLJAVA**

5.6.3. Devijacije

Nema.

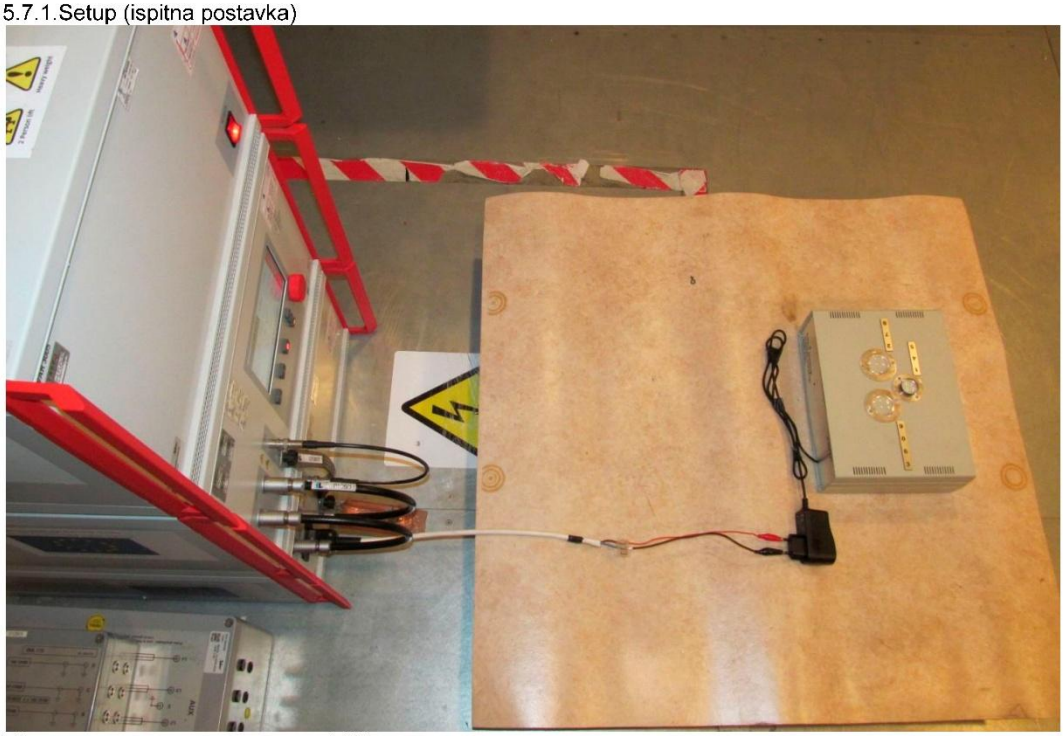
5.6.4. Komentari

Nema.

5.7. Ispitivanje imunosti na povorke brzih impulsa (EFT-B)

Datum: 19.07.2018.
Test standard: SRPS EN 61000-4-4:2013
Testirao: Milivoje Miletić

5.7.1.Setup (ispitna postavka)



Nivo: ±1 kV
Trajanje: 120 s po polaritetu
Sprezanje: Preko mreže za sprezanje i rasprezanje
Port koji se ispituje: AC napojni port
Frekvencija: 5 kHz
Trajanje povorke: 75 impulsa
Perioda ponavljanja povorke: 300 ms
Radni režim EUT-a: Treći režim

5.7.2.Rezultati

Ispitivani port	Test nivo [kV]	Zahtevani kriterijum performansi	Rezultat	Komentari
AC	±1	B	A	Bez promena u radu uređaja.

Rezultat ispitivanja: **ZADOVOLJAVA**

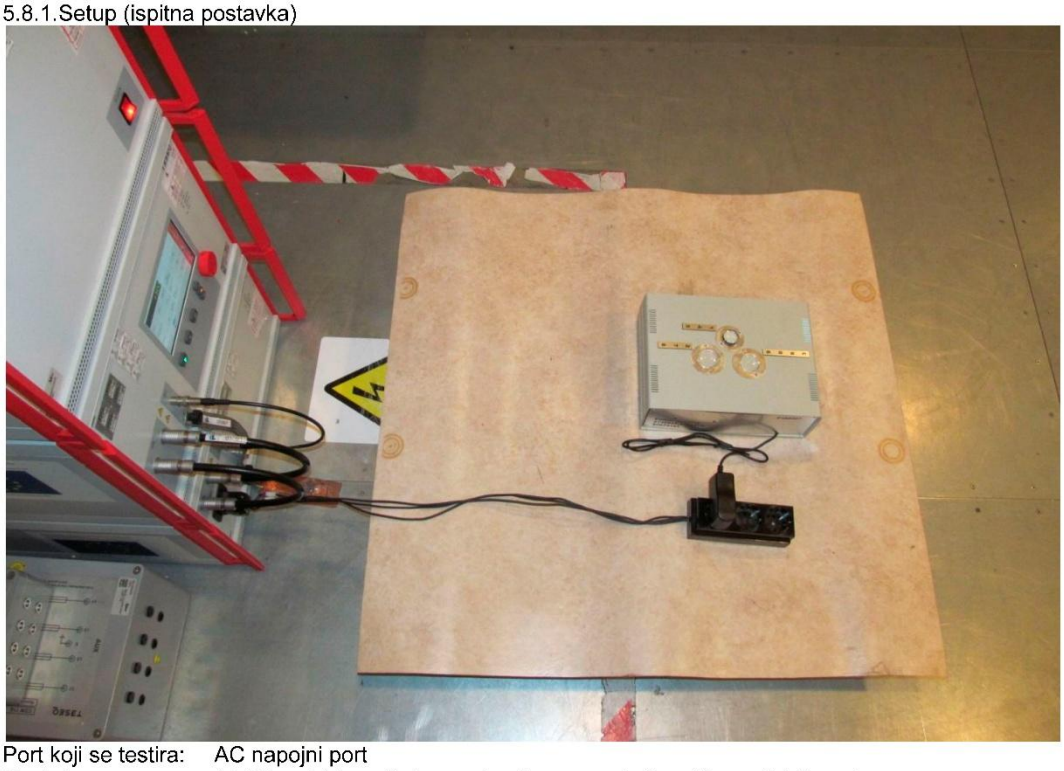
5.7.3.Devijacije
Nema.

5.7.4.Komentari
Nema.

5.8. Ispitivanje imunosti na prenaponski impuls

Datum: 26.07.2018.
Test standard: SRPS EN 61000-4-5:2014
Testirala: Milivoje Miletić

5.8.1.Setup (ispitna postavka)



Port koji se testira: AC napojni port
Test nivo: 1 kV (peak) između faznog i nultog provodnika, diferencijalni mod
Impedansa generatora: 2 Ω
Impulsni oblik: 1,2/50 (8/20) µs
Broj impulsa: 5 POS i 5 NEG
Pauza: 60 s
Ugao: 90 ˚ za POS, 270 ˚ za NEG
Režim rada EUT-a Treći režim

5.8.2.Rezultati

A – Za vreme i nakon ispitivanja uređaj radi kako je predviđeno i nisu primećene promene u njegovom radu.

Zahtevani kriterijum: A Rezultat ispitivanja: **ZADOVOLJAVA**

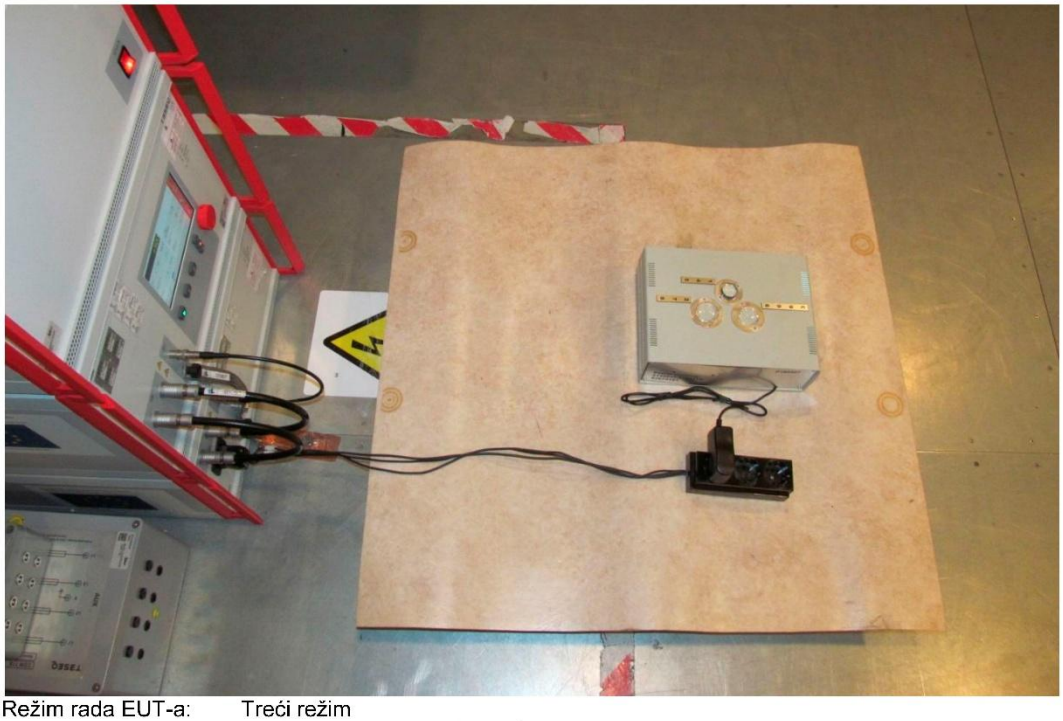
5.8.3.Devijacije
Nema.

5.8.4.Komentari
Nema.

5.9. Ispitivanje imunosti na propade i prekide napona

Datum: 26.07.2018.
Test standard: SRPS EN 61000-4-11:2008
Testirao: Milivoje Miletić

5.9.1.Setup (ispitna postavka)



Režim rada EUT-a: Treći režim
Promene napona se primenjuju pri faznom uglu od 0˚.

5.9.2.Rezultati

Test	Vreme ponavljanja [s]	Trajanje testa [broj primena]	Trajanje događaja [periode]	Pad napona na [%]	Zahtevani kriterijum performansi	Rezultat	Komentar
Propadi i prekidi napona	10	3	25	70	C	A	Bez promene u radu EUT-a.
	10	3	10	40	C	A	Bez promene u radu EUT-a.
	10	3	0,5	0	C	A	Bez promene u radu EUT-a.

Zahtevani kriterijum: C

Rezultat ispitivanja: **ZADOVOLJAVA**

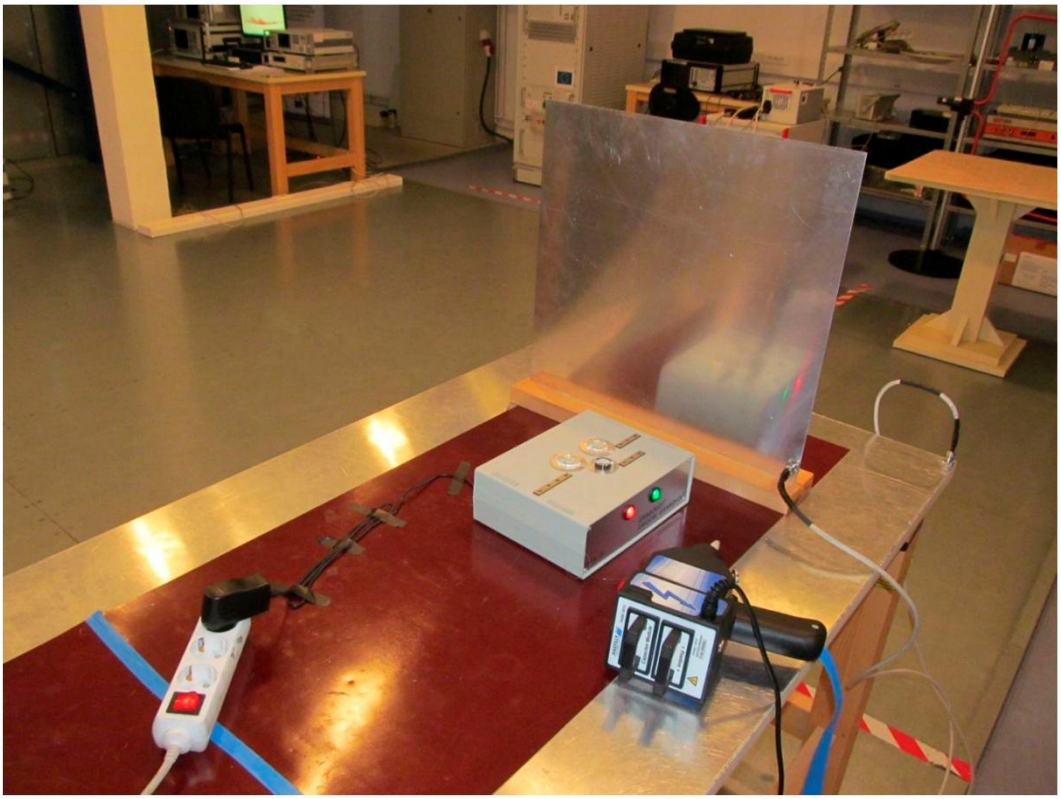
5.9.3.Devijacije
Nema.

5.9.4.Komentari
Nema.

5.10. Ispitivanje imunosti na elektrostatičko pražnjenje (ESD)

Datum: 24.07.2018.
Test standard: SRPS EN 61000-4-2:2009
Testirao: Milivoje Miletić

5.10.1. Setup (ispitna postavka)



Uslovi ispitivanja:

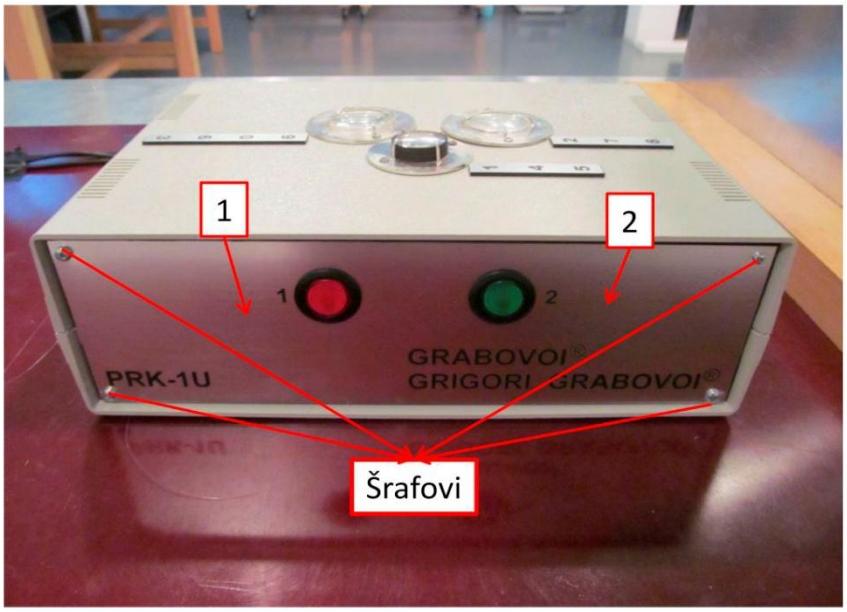
Temperatura: 21,3 °C
Relativna vlažnost vazduha: 62,1 %
Atmosferski pritisak: 993 hPa

Režim rada: Treći režim

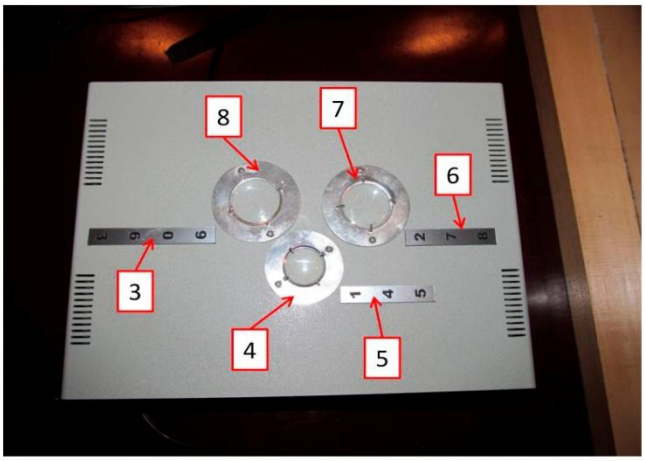
5.10.2. Rezultati

Tip pražnjenja – KONTAKTNO			
Ispitni nivo [kV] / **Mesto pražnjenja**	**+4**	**-4**	**NAPOMENE**
Šrafovi	**A**	**A**	Bez promena u radu uređaja.
Metalni delovi kućišta (tačke kontaktnog pražnjenja 1~2, 9~10)	**A**	**A**	Bez promena u radu uređaja.
Metalne pločice (tačke kontaktnog pražnjenja 3~8)	**A**	**A**	Bez promena u radu uređaja.
HCP indirektno	**A**	**A**	Bez promena u radu uređaja.
VCP indirektno	**A**	**A**	Bez promena u radu uređaja.

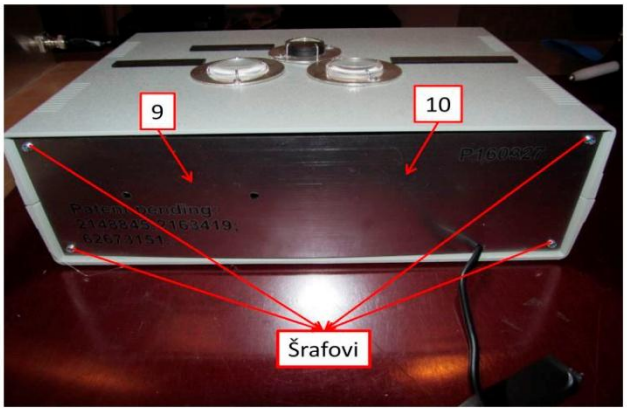
Tip pražnjenja - VAZDUŠNO							
Ispitni nivo [kV] / **Mesto pražnjenja**	**+2**	**-2**	**+4**	**-4**	**+8**	**-8**	**NAPOMENE**
Plastično kućište	**A**	**A**	**A**	**A**	**A**	**A**	Bez varnice. Bez promena u radu uređaja.
Tasteri	**A**	**A**	**A**	**A**	**A**	**A**	Bez varnice. Bez promena u radu uređaja.
Ventilaioni otvori	**A**	**A**	**A**	**A**	**A**	**A**	Bez varnice. Bez promena u radu uređaja.
AC/DC adapter	**A**	**A**	**A**	**A**	**A**	**A**	Bez varnice. Bez promena u radu uređaja.



Tačke kontaktnog pražnjenja 1~2



Tačke kontaktnog pražnjenja 3~8



Tačke kontaktnog pražnjenja 9~10

Zahtevani kriterijum: B

Rezultat ispitivanja: **ZADOVOLJAVA**

5.10.3. Devijacije

Nema.

5.10.4. Komentari

Nema.

6. Podaci o mernoj opremi

Za ispitivanja je korišćena sledeća merna oprema:

Type	Manufacturer	Model	Ser. No.	IN number	Za ispitivanja pod tačkom:
ESD gun set	Haefely	PESD3010	H707203	L-0052	5.10
Power supply/ Amplifier/ Control unit/ Analyser Reference System	Spitzenberger&Spies	EMV E 5000/PAS1	A 4979 02/0 1112	0100-0104	5.3, 5.4
CDN	Teseq	CDN 3061-C16	1422	0105	5.7, 5.8, 5.9
Conducted immunity generator	Teseq	NSG3060	1497	0106	5.7, 5.8, 5.9
dual variac	Teseq	VAR 3005-D16	1999	0110	5.9
Antenna	Teseq	CBL6144	35349	0115	5.2, 5.6
power meter	Teseq	PMU6006	73368	0123	5.6
Field strength sensor	Narda (PMM)	EP601	501WX2045 6	0124	5.6
software	Teseq	Compliance 5 E/I v5.26.4	517-2881623-74 and 517-2846725-70	0125	5.1, 5.2, 5.5, 5.6
Compact immunity test system	Teseq	NSG4070-75	35059	0126	5.5
attenuator	Teseq	ATN6075	33644	0127	5.5
V-network 4-line	Teseq	NNB52	27384	0134	5.1
ISN	Teseq	ISN T8	30901	0136	5.1
EMI receiver	Schaffner	SMR4503	81	0138	5.1, 5.2
Environmental monitor	Kimo	AQ200	12115072	0144	all
HCP					5.10
VCP					5.10
Semi anechoic chamber + antenna mast + controller	Comtest	3m		0305 + 306+ 307	5.2, 5.6
FU absorbers + ferrite tiles	DMAS HT45 + Comtest CAT-6			0308 + 309	5.6
CDN	Teseq	CDN M316S	33964	0128-2	5.5
Amplifier	Teseq	CBA 1G-150	T44175	0116	5.6
Amplifier	Teseq	CBA 3G-012	T44176	0117	5.6
Directional coupler	Bonn	BDC 0810-40/500	129058-02	0121	5.6
Directional coupler	Bonn	BDC 0842-40/200	129058-01	0122	5.6

7. Merna nesigurnost

Za test 5.1: $U_{LAB}=U_{CISPR}=3.4$ dB - Proširena merna nesigurnost, data kao standardna merna nesigurnost pomnožena faktorom pokrivenosti k = 2, koji za normalnu distribuciju odgovara verovatnoći pokrivenosti od približno 95%. Izračunavanje je vršeno prema standardu EN 55016-4-2:2011 + A1:2014.

Za test 5.2 4,9 dB (HOR 30 MHz – 300 MHz), 5 dB (VER 30 MHz – 300 MHz), 5,2 dB (HOR and VER 300 MHz – 2700 MHz) - Proširena merna nesigurnost, data kao standardna merna nesigurnost pomnožena faktorom pokrivenosti k = 2, koji za normalnu distribuciju odgovara verovatnoći pokrivenosti od približno 95%. Izračunavanje je vršeno prema standardu EN 55016-4-2:2004.

Za test 5.3: 2,8654% - Proširena merna nesigurnost, data kao standardna merna nesigurnost pomnožena faktorom obuhvata k = 2, koji za normalnu distribuciju odgovara intervalu poverenja od približno 95%.

Za test 5.4: 2,87 % (d), 4,23 % (Pst) - Proširena merna nesigurnost, data kao standardna merna nesigurnost pomnožena faktorom obuhvata k = 2, koji za normalnu distribuciju odgovara intervalu poverenja od približno 95%.

Za testove imunosti (5.5 – 5.10) za mernu opremu koja je korišćena za testove imunosti pokazano je tokom etaloniranja da je u saglasnosti sa zahtevima test standarda, uzimajući pri tome u obzir i mernu nesigurnost.

8. Opšte napomene

Nema.

9. Prilozi

Nema.

KRAJ IZVEŠTAJA

Sertifikat Laboratorije Vinča o usaglašenosti uređaja sa prihvaćenim normama i prve dve stranice i poslednje dve stranice izveštaja uz sertifikat

QZ.VS.23

ИНСТИТУТ ЗА НУКЛЕАРНЕ НАУКЕ «ВИНЧА»
Именовано тело за оцењивање усаглашености
"VINCA" Institute of Nuclear Sciences, Serbia
Body Appointed for Conformity Assessment

И 003 18

На основу члана 13. Правилника о електричној опреми намењеној за употребу у оквиру одређених граница напона («Службени гласник РС» бр. 25/16) и Решења о проширењу обима имановања бр. 021-00-116/2011-08 од 01.12.2011. Министарства економије и регионалног развоја, на захтев

„Grigorii Grabovoi" PR, Konsalting Technologies of Eternal Development Beograd, Kneza Mihaila 21a, TC "Milenijum", II sprat, lokal br.113, 11000 Beograd

издаје се

ПОТВРДА О УСАГЛАШЕНОСТИ бр. VINCA.PU.18.AD262
CONFIRMATION OF CONFORMITY No.

Произвођач: *Manufacturer*	**„Grigorii Grabovoi" PR, Konsalting Technologies of Eternal Development Beograd, Kneza Mihaila 21a, TC "Milenijum", II sprat, lokal br.113, 11000 Beograd, Srbija**
Производ, тип (модел): *Product, Type (model)*	**Uređaj za razvoj koncentracija večnog života PRK-1U tri - mod**
Карактеристике производа: *Product characteristics*	**100-240 V~ 50/60 Hz 6,5 W Class II IPX0**
Стандард: *Standard*	**SRPS EN 60335-1:2012+A11:2015+AC:2014**
Извештај о оцењивању бр. *Assessment Report No.*	**CN-PU 297/18 od 03.09.2018.**
Рок важења потврде: *Attestation validity*	**do 03.09.2023.**

На основу прегледа достављене техничке документације произвођача и декларације о усаглашености, потврђује се да наведена електрична опрема задовољава безбедносне захтеве **Правилника о електричној опреми намењеној за употребу у оквиру одређених граница напона** («Службени гласник РС» бр. 25/16).
On the basis of examination of the delivered manufacturer's technical documentation and declaration of conformity, it is certified hereby that the quoted electrical equipment complies with the safety provisions of Rulebook on the electrical equipment intended for use within certain voltage limits.

На основу члана 14. и Прилога 5. наведеног Правилника, на предметни тип производа наноси се српски знак усаглашености.
On the basis of Article 14 and Annex 5 of the applied Rulebook, for the present type of product Serbian mark of conformity is applicable.

Датум *Date*
03.09.2018.

Руководилац Центра за противексплозиону заштиту CENEx
Manager of Center for Explosion Protection CENEx
Мирослав Туфегџић, дипл.физ.

М.П. *Seal*

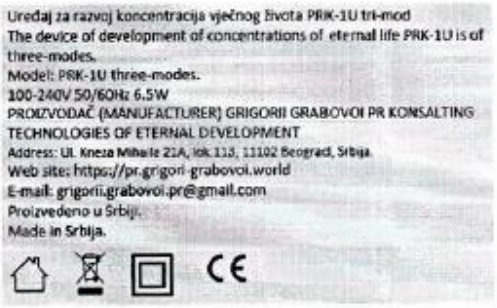
Биро за сертификацију
Извршни руководилац
Executive Manager of Certification Department
Др Предраг Поповић

Адреса: 11001 Београд, п.п. 522, Телефони: 011/3408-168, 011/630-8430
e-mail: biro@vinca.rs, http://www.vinca.rs

TEST REPORT
EN 60335-1
Household and similar electrical appliances - Safety
Part 1: General requirements

Report Reference No.	:	TR-220818.01
Tested by (name+signature)	:	Milivoje Savić
Witnessed by (name+signature)	:	N/A
Supervised by (name+signature)	:	N/A
Approved by (name+signature)	:	Dragoslav Đorović
Date of issue	:	2018-08-22
Testing Laboratory	:	AN LAB CO d.o.o.
Address	:	Trgovacka 79 Belgrade 11030, Serbia
Testing address	:	AN LAB CO DOO, Avnojska 1A, 11130 Kaluđerica - Beograd, Serbia
Applicant's name	:	GRIGORII GRABOVOI PR KONSALTING TECHNOLOGIES OF ETERNAL DEVELOPMENT BEOGRAD
Address	:	Kneza Mihaila 21a, TC „Milenijum", II sprat, lokal br. 113, Belgrade, Serbia
Test specification:		
Standard	:	EN 60335-1:2012+A11:2014
Test procedure	:	LVD
Procedure deviation	:	See summary of testing
Non-standard test method	:	N/A
Test item description	:	**DEVICE OF DEVELOPMENT OF CONCENTRATIONS OF ETERNAL LIFE PRK-1 U three-modes**
Trade Mark	:	GRABOVOI® or GRIGORI GRABOVOI®
Manufacturer	:	GRIGORII GRABOVOI PR KONSALTING TECHNOLOGIES OF ETERNAL DEVELOPMENT BEOGRAD
Address	:	Kneza Mihaila 21a, TC „Milenijum", II sprat, lokal br. 113, Belgrade, Serbia
Model/Type reference	:	**PRK-1U three-modes**
Ratings	:	100-240V 50/60Hz 6,5W

Copy of marking plate:



Summary of testing:

Glow wire test and ball pressure test are not performed because the component under live voltage is approved (power supply unit).
RI and BI creepage and clearance tests are not performed because these distances are within approved power supply unit.

Conclussion: **Test specimen passed all performed tests.**

Possible test case verdicts:

- test case does not apply to the test object.....: N/A (not applicable)
- test object does meet the requirement.....: P (Pass)
- test object does not meet the requirement.....: F (Fail)

General remarks:
The test results presented in this report relate only to the object tested.
This report shall not be reproduced, except in full, without the written approval of the Issuing testing laboratory.

"(see Enclosure #)" refers to additional information appended to the report.
"(see appended table)" refers to a table appended to the report.

List of test equipment must be kept on file and available for review.
Throughout this report a comma (point) is used as the decimal separator.
In this report requirements valid for EN only are marked with (EN).

General product information:

The equipment under test (EUT) is indoor use apparatus for increasing mental concentration. The EUT incorporate two units: Power supply unit and main unit. The units are connected by nondetachable interconnection cable. The enclosures of units are made from plasticts.
Power supply unit is pluggable type with provided pins. There are two switches for mode selection on the front panel of main unit. Both switches have light indicator.

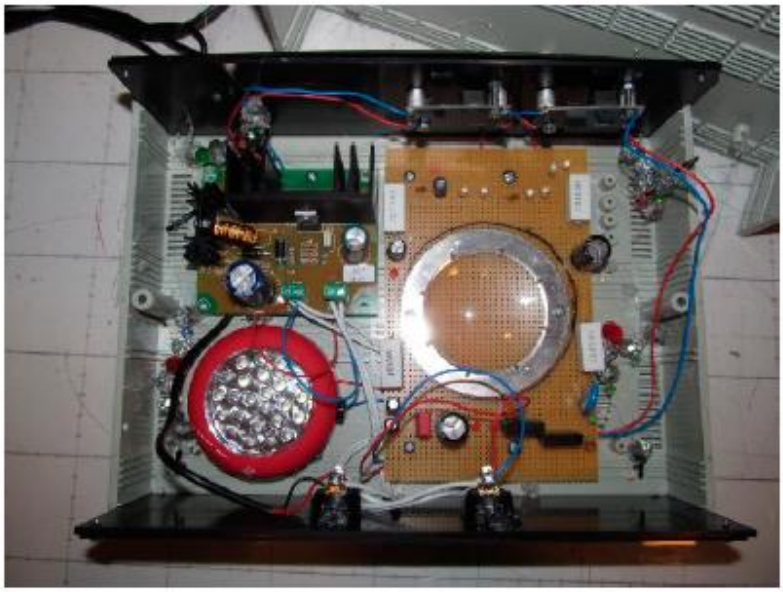
Contents:

Test report – 105 pages.

EN 60335-1			
Cl.	Requirement – Test	Result	Verdict

Photos

EN 60335-1			
Cl.	Requirement – Test	Result	Verdict



End of Test Report