

STARTECH INOVATORI 2021.

B-CT MOBILNI SKENER

Globalno novi proizvod / Mašinska industrija & Medicina
Techno Naiss Group

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Projekat ima za cilj širu primenu postojeće X-Ray tehnologije skeniranja pacijenata, sa specijalizovanih kompjuterizovanih tomografa (CT) za kosti glave i meko tkivo u predelu glave i vrata, na celo telo pacijenta. Na tržištu trenutno postoje uređaji koji mogu da tretiraju celo telo, ali su njihovi gabariti jako veliki, cena je izuzetno visoka, a pacijent i operater dobijaju znatno veću dozu X zraka. Uz primenu tehnologije koja se već koristi u specijalizovanim uređajima, očekuje se da će nivo štetnog X zračenja biti 10–15 puta manji u odnosu na postojeće uređaje. Brzina skeniranja će biti smanjena na 40–60 sekundi, uz isti ili bolji kvalitet snimka. Pored toga, obzirom da se radi o mobilnom uređaju koji se lako prenosi iz prostorije u prostoriju, pacijenta je moguće snimiti u bilo kom trenutku, a kroz projekat će se težiti da se konstrukcija uređaja u pogledu apsorbovanja vibracija izvede tako da može da se koristi i na terenu, odnosno u vozilu saniteta.

TRŽIŠNI FOKUS I POTENCIJAL

Primarno tržište na koje kompanija plasira proizvode su SAD, ali prisutni su i u državama Evropske unije, Australiji, Irskoj, Kini, Kuvajtu... Prepreke za ulazak na tržište su veliki troškovi izrade kalupa i modela koji bi kasnije se koristili u samom proizvodnom procesu.

TIM

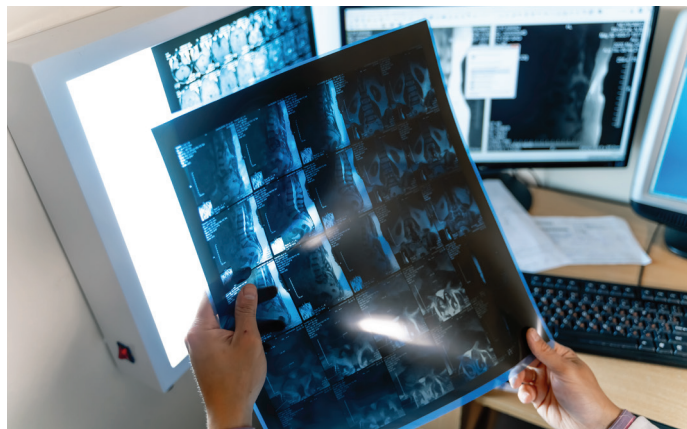
Nikola Drezgić – generalni direktor i vođa projekta, dipl. ing. mašinstva, Miodrag Boričić – projektant mašinskog sklopa – dipl. ing. mašinstva, Nemanja Pepić – projektant elektro sklopa, dipl. ing. elektrotehnike i računarstva, Zoran Mančić – koordinator razvojnih aktivnosti, dipl. ing. mašinstva, Jelena Radović – menadžer kvaliteta i praćenje projekta, dipl. ing. organizacije rada.

DRUGE KORISNE INFORMACIJE

TNG od 2017. poseduje ISO 13485, kao i sertifikat rejtinga firme A grupe, a 2008. je nagrađen kao Izvoznik godine u kategoriji – najbolji izvozni proizvod od strane Agencije za promociju izvoza i strana ulaganja SIEPA. U 2018. direktor TNG bio je i kandidat za najboljeg preduzetnika prema izboru Ernst & Young.

MOGUĆNOSTI ZA PARTNERSTVO

Projekat se nalazi u fazi testiranja prototipa i proces teče bez prepreka. Kompanija je otvorena za sve vrste saradnje i spremna za razgovor sa kompanijama i investitorima o svim idejama i tipovima saradnje.





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B-CT MOBILE SCANNER

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The project aims to extend the use of the existing X-Ray technology of patient scanning, from specialized computerized tomograph (CT) for head bones and head and neck soft tissues, to the entire body. The market currently involves products that can scan the entire body, but they are very large and expensive, and sends a significantly higher amount of X-rays to both the patient and the operator. By applying technology that is already being used in specialized devices, it is expected that the level of harmful X-rays will be 10-15 times lower compared to the current devices. The speed of scanning can be reduced to 40-60 seconds, with the same or better scan quality. Additionally, since the device is mobile and can be easily transferred from one space to another, it allows patient scanning at any point, while further development will seek device construction that would absorb vibrations in a manner allowing use in the field, i.e. in an ambulance vehicle.

MARKET FOCUS AND POTENTIAL

The company's existing primary markets include the USA, the EU countries, while also being present in Australia, Ireland, China, Kuwait... Obstacles for entering new markets are high costs of designing the models and molds that would further be used in the production process.

TEAM

Nikola Drezgić – General Manager and Project Leader, Machine Engineer, Miodrag Boričić – Machine Designer – Machine Engineer,

Nemanja Pepić – Electrical Designer, Electrical and Computer Engineer, Zoran Mančić – Development Activity Coordinator, Machine Engineer, Jelena Radović – Quality and Project Manager, Organizational Management Engineer.

OTHER USEFUL INFO

TNG has held ISO 13485 certificate since 2017, and an A rating certificate by A Group company. In 2008 the company received SIEPA's Exporter of the Year award in the category of best export product, and in 2018, TNG's CEO was a candidate for the best entrepreneur selected by Ernst & Young.

PARTNERSHIP OPPORTUNITIES

The project is currently in prototype testing phase and the process is being performed smoothly. The company is open for all forms of cooperation, and ready for negotiations with companies and investors on all ideas and types of cooperation.



Skenirajte za više informacija | Scan for more information

JAN 2022