ЕВРОПЕЙСКИ ФОРМАТ НА АВТОБИОГРАФИЯ

ЛИЧНА ИНФОРМАЦИЯ

Име	**ТОДОРОВ ГЕОРГИ ДИМИТРОВ**
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Дата на раждане	

ТРУДОВ СТАЖ

• Дати (от-до)	**ДЕКАН НА ФАКУЛТЕТА ПО ИНДУСТРИАЛНИ ТЕХНОЛОГИИ 2022-ДО МОМЕНТА** **ЗАМ.-ДЕКАН ПО НАУЧНО-ИЗСЛЕДОВАТЕЛСКА ДЕЙНОСТ И МЕЖДУНАРОДНА ИНТЕГРАЦИЯ НА МТФ 2019-2022** **ДЕКАН НА МАШИННО-ТЕХНОЛОГИЧЕН ФАКУЛТЕТ 2010 - 2019** **ЗАМЕСТНИК ДЕКАН НА МАШИННО-ТЕХНОЛОГИЧЕН ФАКУЛТЕТ 2008-2010** **РЪКОВОДИТЕЛ НА НИЛ "CAD/CAM/CAE В ИНДУСТРИЯТА" 1992 – ПРОДЪЛЖАВА**
• Име и адрес на работодателя	**ТЕХНИЧЕСКИ УНИВЕРСИТЕТ – СОФИЯ, МТФ, НИЛ "CAD/CAM/CAE В ИНДУСТРИЯТА"** БУЛ. "КЛ.ОХРИДСКИ" 8, МТФ, БЛ. 3, КАБ. 3221, СОФИЯ, 1756, БЪЛГАРИЯ
• Вид на дейността или сферата на работа	Индустрия | Образование
• Заемана длъжност	ПРОФЕСОР, ДЕКАН НА МАШИННО-ТЕХНОЛОГИЧЕН ФАКУЛТЕТ, РЪКОВОДИТЕЛ НА ЦЕНТЪР ЗА ВЪРХОВИ ПОСТИЖЕНИЯ ТУ-СОФИЯ
• Основни дейности и отговорности	CAD/CAM/CAE ТЕХНОЛОГИИ, ИНОВАЦИИ, РАЗВИТИЕ НА НОВИ ПРОДУКТИ, МЕХАТРОНИКА, 3D PRINTING. ВИРТУАЛНА РЕАЛНОСТ, УПРАВЛЕНИЕ НА ИЗСЛЕДОВАТЕЛСКИ ПРОЦЕСИ

ОБРАЗОВАНИЕ И ОБУЧЕНИЕ

• Дати (от-до)	**2022 - Гост лектор в университет Андрес Белло, Сантяго, Чили- 0,5 месеца** **2014 – Гост лектор в Харбински университет за наука и технологии, Харбин, 150080, Китай - 0,5 месеца;** **2012 – Гост лектор в Харбински университет за наука и технологии, Харбин, 150080, Китай - 0,5 месеца;** **2011 – Технически Университет – София, Професор** **2010 – Гост лектор в Harbin University of Science and Technology, Харбиб,150080, H.P. Китай - 0,5 месеца** **2005 - Гост лектор в Harbin University of Science and Technology, Харбин,150080, H.P. Китай - 0,5 месеца** **2003 – Обучение по програма "Computer Simulation and CAD/CAM system" в AOTS, Япония - 1,5 месеца** **2002 – Технически Университет - София, Доцент** **1998 – Технически Университет - София, „доктор"** **1994 – специализация "Нови програми и методи на обучение", по проект TEMPUS JEP2605, Staffordshire University, Великобритания, два месеца** **1993 – специализация "Компютърни симулации и CAD/CAM системи", по проект TEMPUS JEP2605, Staffordshire University, Великобритания, два месеца** **1988 - Технически Университет - София, магистратура Приложна математика** **1986 - Технически Университет - София, магистратура Машинно инженерство**
• Име и вид на обучаващата или образователната организация	**Технически Университет – София,** бул. "Кл.Охридски" 8, МТФ, бл. 2, каб. 3221, София, 1797, България
• Основни предмети/застъпени професионални умения	CAD/CAM/CAE технологии, FEA, Виртуална реалност, Виртуално Прототипиране, Виртуално Инженерство, Бързо Прототипиране, Високоскоростно фрезоване, Информационни системи, Микро технологии, Компютърни Информационни системи
• Наименование на придобитата квалификация	професор 2011 доцент 2002 доктор 1998
• Ниво по националната класификация (ако е приложимо)	Доктор на науките, 2019

Лични умения и компетенции

Придобити в жизнения път или в професията, но не непременно удостоверени с официален документ или диплома.

Майчин език	**Български**
Други езици	
	Английски
• Четене	Отлично
• Писане	Отлично
• Разговор	Отлично
	Немски
• Четене	Добро
• Писане	Добро
• Разговор	Добро
	Руски
• Четене	Отлично
• Писане	Много добро
• Разговор	Много добро
Социални умения и компетенции *Съвместно съжителство с други хора в интеркултурно обкръжение, в ситуации, в които комуникацията и екипната работа са от съществено значение (например в културата и спорта) и др.*	Много добра комуникативност и умение за работа в екип
Организационни умения и компетенции *Координация, управление и адмистрация на хора, проекти и бюджети в професионалната среда или на доброволни начала (например в областта на културата и спорта) у дома и др.*	Координация и управление на научно-изследователски проекти
Технически умения и компетенции *Работа с компютри, със специфично оборудване, машини и др.*	Работа с CAD/CAM/CAE технологии, иновации, развитие на нови продукти, мехатроника, 3D Printing. Виртуална реалност
Артистични умения и компетенции *Музикални, писмени, дизайнерски и др.*	Проектиране и дизайн на нови продукти
Други умения и компетенции *Компетенции, които не са споменати по-горе.*	Инвестира време в четене на книги и списания в областта на интерес, свързани с работата

СВИДЕТЕЛСТВО ЗА УПРАВЛЕНИЕ НА МПС	Да
ДОПЪЛНИТЕЛНА ИНФОРМАЦИЯ	**Списък на научни публикации в реферирани издания:**

1. Dai, Y., Y. -N Lai, G. D. Todorov, and J. -C Liu. 2010. "Structural Optimization of High Pressure Bypass-Valve Body for 600 MW Supercritical Units." *Journal of Harbin Institute of Technology (New Series)* 17 (SUPPL. 1): 168-170. www.scopus.com.
2. Fomichev, V. V., A. V. Il'in, A. I. Rogovskii, G. D. Todorov, and Y. P. Sofronov. 2020. "Search for Periodic Regimes in an Energy-Harvester Model by Simulation." *Computational Mathematics and Modeling* 31 (3): 293-307. doi:10.1007/s10598-020-09492-w. www.scopus.com.
3. Galeva, H., T. Uzunov, Y. Sofronov, and G. Todorov. 2021. "Accuracy Evaluation of Fixed Prosthetic Constructions made by Milling and Printing Technologies and the Influence of Temperature Changes.". doi:10.1088/1742-6596/1859/1/012064. www.scopus.com.
4. Galeva, H., T. Uzunov, Y. Sofronov, and G. Todorov. 2020. "Evaluation of the Accuracy of the Optical Scanners used in the Modern Dental Practice.". doi:10.1088/1742-6596/1492/1/012017. www.scopus.com.
5. Kamberov, K., G. Todorov, Y. Sofronov, and N. Nikolov. 2021. "Methodology for Designing, Manufacturing and Integration of Personalized Spinal Implants for Surgical Treatment of the Cervical Spine.". doi:10.1063/5.0042381. www.scopus.com.
6. Lai, Y., M. Lai, B. You, and T. G. Dimitrov. 2008. "Improved Genetic Algorithm of Multi-Objective Structure Fuzzy Optimization.". doi:10.1109/FSKD.2008.511. www.scopus.com.
7. Savov, I., G. Todorov, Y. Sofronov, and K. Kamberov. 2019. *Research and Development of Methods and Tools for Rapid Digital Simulation and Design of Personalized Orthoses*. IUTAM Bookseries. Vol. 33. doi:10.1007/978-3-030-00527-6_8. www.scopus.com.
8. Sofronov, Y. P., Y. P. Stoyanova, N. E. Kopralev, and G. D. Todorov. 2019. "Kinematic Study of the Articulated Trucks Operating Layout of Turn for Articulated Vehicles.". doi:10.1088/1757-899X/618/1/012044. www.scopus.com.
9. Todorov, G., L. Dimitrov, and K. Kamberov. 2009. "MEMS Actuator Designs Characterization Based on Numerical Analysis Approach.". doi:10.1243/17547164C0012009071. www.scopus.com.
10. Todorov, G., A. Ivanov, and B. Zlatev. 2021. "A Comparison Study of the Efficiency between an Asynchronous Radial Electrical Machine and a Synchronous Reluctance Motor.". doi:10.1109/BulEF53491.2021.9690831. www.scopus.com.
11. Todorov, G. and K. Kamberov. 2018. "Design Concept Evaluation of Tooth Implant-Abutment Interface Based on Engineering Analyses using Virtual Prototypes." *Journal of the Balkan Tribological Association* 24 (3): 521-530. www.scopus.com.
12. Todorov, G. and K. Kamberov. 2020. "EV Fuse Design Cost Reduction Based on Thermal-Electric Conduction Analyses." *Case Studies in Thermal Engineering* 21. doi:10.1016/j.csite.2020.100692. www.scopus.com.
13. Todorov, G. and K. Kamberov. 2020. "Random Vibration Endurance Test of Automotive Component using Virtual Prototyping.". doi:10.1088/1757-899X/1002/1/012027. www.scopus.com.
14. Todorov, G. and K. Kamberov. 2017. "Virtual Prototyping of Drop Test using Explicit Analysis.". doi:10.1063/1.5013950. www.scopus.com.

15. Todorov, G., K. Kamberov, and A. Ivanov. 2018. "Decreasing Power Loss through Control Improvement of Kinetic UPS System.". doi:10.1063/1.5082035. www.scopus.com.

16. Todorov, G., K. Kamberov, and T. Ivanov. 2021. "Parametric Optimisation of Resistance Temperature Detector Design using Validated Virtual Prototyping Approach." *Case Studies in Thermal Engineering* 28. doi:10.1016/j.csite.2021.101302. www.scopus.com.

17. Todorov, G., K. Kamberov, I. Kralov, and I. Ignatov. 2017. "Influence of the Contact Roughness upon Railway Monobloc Wheel Acoustic Behaviour on Virtual Prototyping Approach.". doi:10.1063/1.5013951. www.scopus.com.

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19. Todorov, G., K. Kamberov, T. Pantaleev, and N. Kopralev. 2018. "Elastic Rail Clip Design Development, Based on Virtual Prototyping.". doi:10.1088/1757-899X/393/1/012120. www.scopus.com.

20. Todorov, G., K. Kamberov, and M. Semkov. 2018. "Design and Investigation of Cooling and Oxidation Module for Wine Industry.". doi:10.1109/HiTech.2018.8566266. www.scopus.com.

21. Todorov, G., K. Kamberov, and M. Semkov. 2021. "Improvement of Undershot Water Wheel Performance through Virtual Prototyping.". doi:10.1063/5.0043502. www.scopus.com.

22. Todorov, G., K. Kamberov, and M. Semkov. 2017. "Thermal CFD Study and Improvement of Table Top Fridge Evaporator by Virtual Prototyping." *Case Studies in Thermal Engineering* 10: 434-442. doi:10.1016/j.csite.2017.09.006. www.scopus.com.

23. Todorov, G., K. Kamberov, H. Vasilev, and T. Ivanov. 2021. "Design Variants Assessment of Street LED Device Based on Virtual Prototyping.". doi:10.1109/ELMA52514.2021.9503086. www.scopus.com.

24. Todorov, G., N. Nikolov, Y. Sofronov, N. Gabrovski, M. Laleva, and T. Gavrilov. 2019. *Additive/subtractive Computer Aided Manufacturing of Customized Implants Based on Virtual Prototypes*. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, LNICST. Vol. 283. doi:10.1007/978-3-030-23976-3_31. www.scopus.com.

25. Todorov, G., N. Nikolov, Y. Sofronov, N. Gabrovski, M. Laleva, and T. Gavrilov. 2019. *Computer Aided Design of Customized Implants Based on CT-Scan Data and Virtual Prototypes*. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, LNICST. Vol. 283. doi:10.1007/978-3-030-23976-3_30. www.scopus.com.

26. Todorov, G., V. Obretenov, K. Kamberov, T. Ivanov, T. Tsalov, and B. Zlatev. 2021. "Concept and Physical Prototyping of Micro Hydropower System using Vertical Crossflow Turbine.". doi:10.1109/EFEA49713.2021.9406242. www.scopus.com.

27. Todorov, G., Y. Sofronov, and K. Dimova. 2022. *Comparison Analysis between Different Technologies for Manufacturing Patient-Specific Implants*. Mechanisms and Machine Science. Vol. 109. doi:10.1007/978-3-030-88465-9_27. www.scopus.com.

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29. Todorov, G., Y. Sofronov, and G. Kyurkchiev. 2018. "Benchmarking of Different Additive Techologies as Rapid Manufacturing Techniques." *Journal of the Balkan Tribological Association* 24 (3): 477-483. www.scopus.com.

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33. Todorov, G., B. Zlatev, and K. Kamberov. 2021. "Digital Twin Definition Based on Virtual Prototype Evolution of an UPS with Kinetic Battery Accumulator.". doi:10.1063/5.0044792. www.scopus.com.

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37. Tzaneva, B., G. Todorov, and R. Dimitrova. 2018. "Chemical and Electrochemical Growth of Hydroxyapatite on 3D Machined Titanium Alloy.". doi:10.1109/HiTech.2018.8566431. www.scopus.com.

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ПАТЕНТИ И ПОЛЕЗНИ МОДЕЛИ:

МЕЖДУНАРОДНИ:

1. METHOD AND SYSTEM FOR DIRECT CASTING OF CAST COMPONENTS BY ADDITIVE MANUFACTURING OF COMPOSITE MONOLITHIC MOLDS, Inventors: GEORGI TODOROV, TSVETOZAR IVANOV, Applicant: Print cast Ltd, Publication info: WO2017008130 (A1) — 2017-01-19.

2. DEVICE INTERLOCKING WITH A COMPARTMENT, Inventors: Georgi Todorov [BG], Konstantin Kamberov [BG], EVANS JAMES [US]; DEGGINGER CHRIS [US], Applicant: GARDNER DENVER PETROLEUM PUMPS LLC [US], Publication info: WO2016134287 (A1) — 2016-08-25

3. ADDITIVE MANUFACTURING MACHINE FOR CREATING THREE-DIMENSIONAL OBJECTS FROM POWDER MATERIAL AND FUSING SUBSTANCE, Inventors: Georgi Todorov, Tsvetozar Ivanov, Applicant: Print cast Ltd, Publication info: US2018021978 (A1) — 2018-01-25

4. APPARATUS FOR PACKAGING A PRODUCT WITH AN EXTENSIBLE FILM, Inventors: CAPPI ANGELO [IT], Georgi Todorov [BG], Applicant: ANIGMA CONSULTING SAGL [CH]; ANIGMA CONSULTING [CH], Publication info: US2017217611 (A1) — 2017-08-03

5. WASTE COMPACTOR, Inventors: Luciano Salda, Marano Sul Panaro (IT); Angelo Cappi,V1gnola (IT); Georgi Dimitrov Todorov, Sofia (BG), Applicant: C.M.S. S.p.A., Province of Modena (IT), Publication info: US 8,919,246 B2 Dec. 30, 2014
6. PROTECTION SYSTEM FOR MECHANIZED COVERING OF PLANT CROPS, Inventors: CAPPI ANGELO [IT]; CAPPI ANDREA [IT]; LUSCARDO ROBERTO [IT]; TODOROV GEORGI DIMITROV [BG], Applicant: MAGIF S A S DI CAPPI ANGELO & C [IT]; CAPPI ANGELO [IT]; CAPPI ANDREA [IT]; LUSCARDO ROBERTO [IT]; TODOROV GEORGI DIMITROV, Publication info: WO2012175546 (A1) — 2012-12-27
7. SMALL-SIZE WASTE COMPACTING APPARATUS, IN PARTICULAR FOR BARS, CAFETERIAS OR OTHER SMALL REFRESHMENT PREMISES, Inventors: SALDA LUCIANO [IT]; CAPPI ANGELO [IT]; TODOROV GEORGI DIMITROV [BG], Applicant: CMS SPA [IT]; SALDA LUCIANO [IT]; CAPPI ANGELO [IT]; TODOROV GEORGI DIMITROV [BG], Publication info: WO2012034908 (A1) — 2012-03-22

Регистрирани в България:

1. UNINTERRUPTIBLE POWER SUPPLY SYSTEM, Inventors: ZHIVKOV VENELIN [BG]; TODOROV GEORGI [BG]; NIKOLOV NIKOLAY [BG]; IVANOV TSVETOZAR [BG], Applicant: IVANOV TSVETOZAR [BG]; ZHIVKOV VENELIN [BG]; TODOROV GEORGI [BG]; NIKOLOV NIKOLAY [BG], Publication info: BG2135 (U1) — 2015-10-30
2. PLATFORM FOR THE TRANSPORTATION OF PEOPLE IN WHEELCHAIRS ON STAIRS, Inventors: IVANOV TSVETOZAR [BG]; TODOROV GEORGI [BG]; NIKOLOV NIKOLAY [BG], Applicant: IVANOV TSVETOZAR [BG]; TODOROV GEORGI [BG]; NIKOLOV NIKOLAY [BG], Publication info: BG1989 (U1) — 2014-11-28
3. MODULE FOR UNINTERRUPTED ELECTRIC CHARGING WITH A KINETIC ACCUMULATOR OF ENERGY, Inventors: TODOROV GEORGI [BG]; NIKOLOV NIKOLAY [BG]; KAMBEROV KONSTANTIN [BG], Applicant: TODOROV GEORGI [BG]; NIKOLOV NIKOLAY [BG]; KAMBEROV KONSTANTIN [BG], Publication info: BG2655 (U1) — 2017-06-30
4. JOYSTICK, Inventors: NIKOLOV NIKOLAY; TODOROV GEORGI; ZABCHEV GEORGI, Applicant: SISTEMNO INTEGRIRANE EOOD [BG], Publication info: BG112068 (A) — 2017-01-31
5. CONTACT SYSTEM FOR ELECTRICAL CABINETS WITH MOVABLE CHASSIS, Inventors: NIKOLOV NIKOLAY [BG]; TODOROV GEORGI [BG]; GROZDANOVA SNEZHANKA [BG], Applicant: NIKOLOV NIKOLAY [BG]; TODOROV GEORGI [BG]; GROZDANOVA SNEZHANKA [BG], Publication info: BG1954 (U1) — 2014-08-31
6. PRESTRESSED SUPER-FLYWHEELS WOUND FROM THREADS OR BANDS, Inventors: ZHIVKOV VENELIN [BG]; TODOROV GEORGI [BG]; NIKOLOV NIKOLAY [BG]; DRAGANOV VATKO [BG]; CHAKMAKOV GEORGI [BG]; KOCHEV LACHEZAR [BG]; GEORGIEV CHAVDAR [BG]; STOYANOVA YANA [BG], Applicant: GEORGIEV CHAVDAR [BG]; ZHIVKOV VENELIN [BG]; DRAGANOV VATKO [BG]; TODOROV GEORGI [BG]; CHAKMAKOV GEORGI [BG]; NIKOLOV NIKOLAY [BG]; TEHNICHESKI UNIV – SOFIA [BG]; STOYANOVA YANA [BG]; KOCHEV LACHEZAR [BG], Publication info: BG1946 (U1) — 2014-08-31
7. PLANETARY TOOTHED GEAR, Inventors: TODOROV GEORGI [BG]; NIKOLOV NIKOLAY [BG]; PEYKOV VELICHKO [BG], Applicant: TODOROV GEORGI [BG]; NIKOLOV NIKOLAY [BG]; PEYKOV VELICHKO [BG], Publication info: BG110881 (A) — 2013-09-30

8. VIBRATION DEVICE FOR HAND DRILL TOOLS WITH RESONANCE EFFECT, Inventors: TODOROV GEORGI [BG]; ROMANOV BORISLAV [BG]; KAMBEROV KONSTANTIN [BG]; PEYKOV VELICHKO [BG]; GANCHEV NIKOLAY [BG], Applicant: SPARKI ELTOS AD [BG], Publication info: BG110260 (A) — 2010-06-30
9. GRIPPING DEVICE FOR DRILLING TOOLS, Inventors: TODOROV GEORGI D [BG]; TODOROV NIKOLA T [BG]; VRABEVSKI BORISLAV B [BG]; ROMANOV BORISLAV G [BG]; KAMBEROV KONSTANTIN KH [BG], Applicant: SPARKI ELTOS AD [BG], Publication info: BG104955 (U) — 2002-05-31 BG618 (Y1)
10. DEVICE FOR DRIVING AND BRAKING OF THE CHAIN IN HAND-OPERATED SAWS, Inventors: TODOROV GEORGI D [BG]; TODOROV NIKOLA T [BG]; VRABEVSKI BORISLAV B [BG]; ROMANOV BORISLAV G [BG]; KAMBEROV KONSTANTIN KH [BG], Applicant: SPARKI ELTOS AD [BG], Publication info: BG104954 (U) — 2002-05-31 BG619 (Y1)
11. COMPACT NON-CONTTACT PNEUMATIC GRIPPER, Inventors: TODOROV GEORGI [BG]; ROMANOV BORISLAV [BG]; KAMBEROV KONSTANTIN [BG]; YAVOR SOFRONOV [BG], TSVETOZAR IVANOV [BG], Applicant: TODOROV GEORGI [BG]; ROMANOV BORISLAV [BG]; KAMBEROV KONSTANTIN [BG]; YAVOR SOFRONOV [BG], TSVETOZAR IVANOV [BG], Publication info: BG 3071 U1
12. ROTOR SYSTEM FOR ELECTRICAL ENERGY HARVESTING OF LOW HEAD FLUID FLOW, Inventors: TODOROV GEORGI [BG]; ROMANOV BORISLAV [BG]; KAMBEROV KONSTANTIN [BG]; YAVOR SOFRONOV [BG], TSVETOZAR IVANOV [BG], MARIO SEMKOV [BG], Applicant: TODOROV GEORGI [BG]; ROMANOV BORISLAV [BG]; KAMBEROV KONSTANTIN [BG]; YAVOR SOFRONOV [BG], TSVETOZAR IVANOV [BG], MARIO SEMKOV [BG], Publication info: BG 3271 U1
13. ROTOR SYSTEM WITH DEFLECTOR OF FLUID FLOW FOR ELECTRICAL ENERGY HARVESTING FROM SMALL HYDRO WATER FLOW, Inventors: TODOROV GEORGI [BG]; ROMANOV BORISLAV [BG]; KAMBEROV KONSTANTIN [BG]; YAVOR SOFRONOV [BG], TSVETOZAR IVANOV [BG], MARIO SEMKOV [BG], Applicant: TODOROV GEORGI [BG]; ROMANOV BORISLAV [BG]; KAMBEROV KONSTANTIN [BG]; YAVOR SOFRONOV [BG], TSVETOZAR IVANOV [BG], MARIO SEMKOV [BG], Publication info: BG 3520 U1
14. ROTOR SYSTEM WITH CROSS-FLOW TURBINE AND DEFLECTOR FOR ELECTRICAL ENERGY HARVESTING FROM SMALL HYDRO WATER FLOW, Inventors: TODOROV GEORGI [BG]; KAMBEROV KONSTANTIN [BG]; TSVETOZAR IVANOV [BG], SEMKOV MARIO [BG], ZLATEV BLAGOVEST [BG], Applicant: TODOROV GEORGI [BG]; KAMBEROV KONSTANTIN [BG]; TSVETOZAR IVANOV [BG], MARIO SEMKOV [BG], BLAGOVEST ZLATEV [BG], Publication info: BG 3701 U1
15. COMPACT SYSTEM FOR CRUSHING OR COMPACTION OF PLASTIC BOTTLES AND METAL CONTAINERS FOR DRINKS, Inventors: TODOROV GEORGI [BG]; KAMBEROV KONSTANTIN [BG]; TSVETOZAR IVANOV [BG], Applicant: TODOROV GEORGI [BG]; KAMBEROV KONSTANTIN [BG]; TSVETOZAR IVANOV [BG], Publication info: BG 3765 U1
16. SYSTEM FOR VACUUM COMBINED WITH CVD, PVD AND IONIC NITRIDING LAYER BY LAYER APPLYING WEAR-RESISTANT SURFACE COATINGS, Inventors: TODOROV GEORGI [BG]; TSVETOZAR IVANOV [BG], YAVOR SOFRONOV [BG], Applicant: Technical university of Sofia, Publication info: BG 3936 U1
17. HYDRAULIC ELEVATOR WITH KINETIC ENERGY ACCUMULATOR, Inventors: Zhivkov Venlin [BG], nikolov Nikolay [BG], TODOROV GEORGI [BG], DRAGANOV VYTKO [BG], STOYANOVA YANA [BG], KOCHEV LACHEZAR [BG], MARINOV PHILIP, DACHEV IVAN [BG], Applicant: Technical university of Sofia, TODOROV GEORGI [BG], DRAGANOV VYTKO [BG], STOYANOVA YANA [BG], KOCHEV LACHEZAR [BG], MARINOV PHILIP, DACHEV IVAN [BG], Publication info: BG 66950 B1

18. MULTIPURPOSE PROTECTIVE GOOGLES WITH FLEXIBLE FRAME FOR PERICULAR AREA OF THE FACE, Inventor: TODOROV GEORGI [BG]; ROMANOV BORISLAV [BG]; YAVOR SOFRONOV [BG], GAVRILOV TODOR [BG], TRIFONOV KRASIMIR [BG] KIRYANOV ANASTAS [BG], Applicant: TODOROV GEORGI [BG]; ROMANOV BORISLAV [BG]; YAVOR SOFRONOV [BG], GAVRILOV TODOR [BG], TRIFONOV KRASIMIR [BG] KIRYANOV ANASTAS [BG], Publication info: BG3793 U1

19. MULTIPURPOSE ULTRAVIOLET DISINFECT DEVICE FOR ROOM AIR CONDITIONERS AND SYSTEMS INCLUDING THAT DEVICE, Inventors: TODOROV GEORGI [BG]; GAVRILOV TODOR [BG], YAVOR SOFRONOV [BG], Applicant: TODOROV GEORGI [BG]; GAVRILOV TODOR [BG], YAVOR SOFRONOV [BG], Publication info: BG 3803 U1

ПРИЛОЖЕНИЯ [Опишете всички приложения.]