

# LISTA DE LUCRARI

Cristinel Ioan ILIE

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***Inertial device for energy storage and protection of local electric micro-grid, has driving electric machine provided to flywheel and then to generator machine, and driving electric machine supplied from industrial electric grid***, Patent Number(s):RO134279-A2  
Patent Assignee Name(s) and Code(s): INST NAT CERC-DEZVOLTARE ING ELECTRICA (NADE-Non-standard)  
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5. OVEZEA D, TANASE N, CHIRITA I, GUTU M, ILIE C I, POPA M, NEDELUCU A, ***Linear positioning system has subassembly which causes deformation/return to initial shape for achieving highly accurate regulation and continuous control of position in vicinity of target location***, Patent Number(s): RO134346-A2, Patent Assignee Name(s) and Code(s): NAT CERC-DEZVOLTARE PENTRU ING ELECTRICA (NADE-Non-standard), Derwent Primary Accession Number: 2020-73761F,  
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6. TANASE N, MIHAIESCU G M, NICOLAIE S, CHIRITA I, ILIE C I, LIPCINSKI D, OVEZEA D, NEDELUCU A, POPA M  
***Electromagnet used in digital hydraulics application, has remaining supporting and reinforcing portions of electromagnetic assembly, central axle, lateral flanges and threaded rods with clamping nuts that are made of materials***  
Patent Number(s): RO134148-A2  
Patent Assignee Name(s) and Code(s): INST NAT CERC-DEZVOLTARE ELECTRICA ICPE (NADE-Non-standard) Derwent Primary Accession Number: 2020-49916W

7. OVEZEA D, TANASE N, CHIRITA I, ILIE C I, POPA M, LIPCINSKI D, NEDELCU A ***System for position securing/releasing with piezoelectric actuators and parallelogram mechanism, has slide that is kept locked on rolling track by locking springs when piezoelectric actuators are not voltage supplied***, Patent Number(s): RO133530-A2  
Patent Assignee Name(s) and Code(s): ICPE NAT CERC-DEZVOLTARE ELECTRICA INST (ICPE-Non-standard), Derwent Primary Accession Number: 2019-68721P,  
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Patent Number(s): RO123090-B1, Derwent Primary Accession Number: 2010-M68924  
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15. OLARU G, NICOLAE S, ILIE C I, SAMOILESCU G, MARIN M D., ***Wave channel for researches, comprises tank made of transparent material, cylinder provided with two arms mounted on axle sustained by two parts, and connecting rod crank system***  
Patent Number(s): RO125619-A2; RO125619-B1, Derwent Primary Accession Number: 2010-K02750

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16. PISO I M, KRAFT G, ACIU A, ILIE C, POPOVICI I, RADULESCU C., *Magnetic fluid bearing for dynamic balancing of rotary machine - has chamber filled with fluid, housing cylinder on shaft and four terminals with magnetic cores and coils*, Patent Number(s): RO102539-A, Derwent Primary Accession Number: 1993-124103, Citing Patents: 2

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#### ***BREVETE INTERNATIONALE – Propunere***

Title of the international patent : Equipment for continuous adjustment of liquid flow, with direct electric drive of the element which performs the modification of the flow section, Authors: Chiriță Ionel, Ovezea Dragoș, Tănase Nicolae, Ilie Cristinel Ioan, Popa Marius, request no. PCT/RO2020/000018, 11.11.2020.

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2. Cristinel Ioan ILIE, Marius POPA, Nicolae TĂNASE, Componente și sisteme micromecanice fabricate prin tehnologia LIGA, București, Editura Electra, 2020, ISBN 978-606-507-127-8, 168p.

Data 23.02.2021

Semnătura





Data 23.02.2021

Semnatura

A handwritten signature in blue ink, consisting of a stylized, cursive script that is difficult to decipher.