



Brevete obținute de cadrele didactice de la departamentul IMM

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1. **Inventatori:** Daniela Laura Buruiana, Puiu Lucian Georgescu, Gabriel Bogdan Carp, Viorica Ghisman, Catalin Cristian Stancic

Titlu: Imbunatatirea mixturilor asfaltice cu grit dese si microplastice

Nr. A 2021 00119, BOPI 8/2021

Classifications IPC C04B26/00;

Priorities RO202100119A·2021-03-18

Application RO202100119A·2021-03-18

Publication RO135159A0·2021-08-30

Published as RO135159A0

https://osim.ro/wp-content/uploads/Publicatii-OSIM/BOPI-Inventii/2021/bopi_inv_08_2021.pdf

<https://worldwide.espacenet.com/patent/search/family/077441207/publication/RO135159A0?q=Buruiana%20Daniela%20Laura>

<https://www.webofscience.com/wos/diidx/full-record/DIIDX:2021A3877X>

Derwent Primary Accession Number2021-A3877X

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2. **Inventatori:** Daniela Laura Buruiana, Puiu Lucian Georgescu, Gabriel Bogdan Carp, Viorica Ghisman, Tatiana Mardare

Titlu: Reciclarea măștilor chirurgicale în mixturi asfaltice la cald

Nr. A 2021 00468, BOPI 12/2021



https://osim.ro/wp-content/uploads/Publicatii-OSIM/BOPI-Inventii/2021/bopi_inv_12_2021.pdf

<https://worldwide.espacenet.com/patent/search/family/079289425/publication/RO135384A0?q=recycling%20of%20surgical%20masks>

<https://www.webofscience.com/wos/diidx/full-record/DIIDX:2022166774>

Derwent Primary Accession Number2022-166774

3. Inventori: Georgescu Puiu Lucian [RO]; Buruiană Daniela-Laura [RO]; Carp Gabriel-Bogdan [RO]; Ghisman Viorica [RO]

Titlu: „Metoda de sechestrare a CO2 folosind mixtura formată din zgură albă și șlam de carbid”- BOPI 06/2022.

Classifications IPC B01D53/14; B01D53/62; C01B32/50;

Priorities RO202100613A·2021-10-05

Application RO202100613A·2021-10-05

Publication RO135812A0·2022-06-30

Published as RO135812A0

<https://worldwide.espacenet.com/patent/search/family/082214551/publication/RO135812A0?q=pn%3DRO135812A0>

4. Inventori: GURAU G, GEORGESCU P L, CANANAU N, ITICESCU C, GURAU M C

Titlu: Method For Introducing Sludge From Waste Water Purification Plant, Involves Converting Sludge Into Powder, Sintering With Coke Powder, Mixing With Agglomerate Charge And Transferring Charge To Agglomeration Belt

Patent Number(s):RO129647-A0; RO129647-B1

Patent Assignee Name(s) and Code(s): GURAU G(GURA-Individual), GEORGESCU P L(GEOR-Individual), CANANAU N(CANA-Individual), ITICESCU C(ITIC-Individual), GURAU M C(GURA-Individual)

Derwent Primary Accession Number: 2014-P51023



http://apps.webofknowledge.com/full_record.do?product=DIIDW&search_mode=GeneralSearch&qid=99&SID=E4rbTcJlsFQcccKH8Pz&page=1&doc=11

5. **Inventatori:** GURAU G, BUJOREANU L, POTECASU O, CANANAU N, ALEXANDRU P, GURAU C, TANASE D

Titlu: Process and machine for deforming taper-shaped active elements made of shape-memory materials by twisting upon high pressure

Patent Number(s): RO129900-A2 ; RO129900-B1

Patent Assignee Name(s) and Code(s): UNIV GALATI DUNAREA JOS (UYGA-Non-standard)

Derwent Primary Accession Number: 2015-10391H

http://apps.webofknowledge.com/full_record.do?product=DIIDW&search_mode=GeneralSearch&qid=99&SID=E4rbTcJlsFQcccKH8Pz&page=1&doc=8

6. **Inventatori:** BUJOREANU L G, GURAU G, DAN I, STIRBU C, COMANECI R I, LOHAN N M, PRICOP B, PARASCHIV A L, SURU M G, GURAU C, LEANDRU G B, GHEORGHE G, IOAN D, CRISTEL S

Titlu: Multifunction element with selfadaptive axial movement made of a shape memory Fe-Mn-Si-Cr alloy

Patent Number(s):

RO129876-A2, ; RO129876-B1

Patent Assignee Name(s) and Code(s): UNIV IASI TEHNICA ASACHI GHEORGHE (UYIANon-standard)

Derwent Primary Accession Number: 2015-10386Y

http://apps.webofknowledge.com/full_record.do?product=DIIDW&search_mode=GeneralSearch&qid=99&SID=E4rbTcJlsFQcccKH8Pz&page=1&doc=7



7. **Inventatori:** BURUIANA DANIELA LAURA, GEORGESCU PUIU LUCIAN, CARP GABRIEL BOGDAN, GHISMAN VIORICA, STANCIC CATALIN CRISTIAN

Titlu: Mixtura asfaltica îmbunătățită cu grit deșeu provenit din procesul de sablare a corpurilor de navă și cu microplastice de micropropilenă

https://imm.ugal.ro/images/2023/2333_230313023346_001.pdf
