

Brevete obținute /depuse de cadrele didactice de la departamentul IMM

Nr. crt	Date identificare brevet
11	Inventatori: Gheorghe Gurau, Ștefănescu Cristian, Buruiana Daniela Laura, Alexandru Petrică, Gurău Marlen Carmela, Marin Florin Bogdan, Marin Mihaela Titlu: Compozit multistrat nanostructurat din aliaje cu memoria formei prin torsiune la presiune înaltă cu viteză mare și procedeu de realizare a acestuia. Propunere de brevet nr A00321/22.07.2025
10	Inventatori: Gheorghe Gurau, Dan Ioan, Cîmpean Anisoara, Gurau Marlen Carmela, Bîrsan Dan Catalin, Mitran Valentina Titlu: Agrafa de compresie cu fixare multiaxială pentru chirurgie ortopedică și procedeu de realizare a acesteia Brevet acordat Nr 135140/30.06.2025
9	Inventatori: Daniela Laura Buruiana, Georgiana Ghisman, Cezar Ionuț Bîchescu, Viorica Ghisman, Gabriel-Bogdan Carp, Marian Barbu Titlu: Rețetă de acoperire cu nanoparticule a țesăturii din fibră de kevlar Nr. A 2025 00044 / 31.01.2025 https://osim.ro/images/Publicatii/Inventii/2025/bopi_inv_06_2025.pdf
8	Inventatori: Daniela Laura Buruiana, Lidia Benea, Viorica Ghisman, Petrică Cătălin Aramă, Georgiana Ghisman Titlu: Compozite pe bază de nămol de epurare cu rol fertilizant. Nr. A 2024 00306 / 10.06.2024 Priorities RO202400306A·2024-06-10 Application RO202400306A·2024-06-10 Publication RO138471A0·2024-11-29 Published as RO138471A0 https://www.osim.ro/images/Publicatii/Inventii/2024/bopi_inv_11_2024.pdf https://worldwide.espacenet.com/patent/search/family/093650850/publication/RO138471A0?q=buruiana%20daniela

7	Inventatori: Daniela Laura Buruiana, Puiu Lucian Georgescu, Viorica Ghisman, Nicoleta Lucica Bogatu, Georgiana Ghisman, Elena Roxana Axente, Cătălin Aramă. Titlu: Mixtură de absorbție a hidrocarburilor petroliere, folosind dolomită. Nr. A 2023 00187 / 12.04.2023 Priorities RO202300187A·2023-04-12 Application RO202300187A·2023-04-12 Publication RO137696A0·2023-10-30 Published as RO137696A0 https://osim.ro/images/Publicatii/Inventii/2023/inv_10_2023.pdf https://worldwide.espacenet.com/patent/search/family/088507078/publication/RO137696A0?q=Buruiana%20Daniela%20Laura
6	Inventatori: Georgescu Puiu Lucian, Buruiană Daniela Laura, Carp Gabriel Bogdan, Ghisman Viorica Titlu: Metodă de sechestrare a CO₂, folosind mixtura formată din zgură albă și șlam de carbid BOPI 6/2022 Priorities RO202100613A·2021-10-05 Application RO202100613A·2021-10-05Publication RO135812A0·2022-06-30 Published as RO135812A0 https://www.osim.ro/images/Publicatii/Inventii/2022/bopi_inv_06_2022.pdf https://worldwide.espacenet.com/patent/search/family/082214551/publication/RO135812A0?q=BURUIAN%C4%82%20DANIELA%20LAURA https://www.webofscience.com/wos/diidx/full-record/DIIDX:2022B3282M Derwent Primary Accession Number2022-B3282M
5	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·2021-03-18Publication 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

4	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 Priorities RO202100468A·2021-08-06 Application RO202100468A·2021-08-06Publication RO135384A0·2021-12-30 Published as RO135384A0;RO135384A3;WO2023014236A1 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%20ma+sks https://www.webofscience.com/wos/diidx/full-record/DIIXW:2022166774 Derwent Primary Accession Number2022-166774
3	Inventatori: 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=DIIXW&search_mode=GeneralSearch&qid=99&SID=E4rbTcJlsFQcccKH8Pz&page=1&doc=11
2	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=DIIXW&search_mode=GeneralSearch&qid=99&SID=E4rbTcJlsFQcccKH8Pz&page=1&doc=8

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