

## Articole

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#### Capitole

1. L Buimaga-Iarinca, D. Marconi, A. Colnita, C. Morari, I. Turcu - Molecular Devices: From Rational Design to Functional Units in Nanotechnologies and Nanomaterials for Various Applications (D. Dascalu ed.), Editura Academiei Romane (2018), ISBN 978-973-27-2954-8
2. C. Morari, L. Buimaga-Iarinca - Van der Waals forces involved in biomolecules interactions with metallic surfaces in Biophysics for Biomedical and Environmental Sciences (M. Florescu ed.), Transylvania University Press, Brasov (2016), ISBN 978-606-19-1768-7

#### Patente

1. METHOD FOR DETERMINING LIFE AND QUALITY OF LEAD-ACID BATTERIES, INVOLVES TRAKING PARAMETER OF CONSTANT PHASE ELEMENT WITH LINEAR DEPENDENCE ON BATTERY, SLOPE OF LINEAR DEPENDENCE OF PARAMETER AND NUMBER OF LOAD CYCLES/DISCHARGE, Patent Number(s): RO133009-A0, Inventor(s): MORARI I C, BOT A, BUIMAGA-IARINCA L T, MURARIU A T, Patent Assignee Name(s) and Code(s): INSTUTUTUL NAT CERC DEZVOLTARE TEHNOLOGII IZOT MOLEC, Derwent Primary Accession Number: 2019-40690F, International Patent Classification: G01R-031/36
2. METALLIC GRID WITH OPTIMIZED GEOMETRY FOR LEAD-ACID BATTERY POSITIVE ELECTRODE, Patent Number(s): RO132400-A0, Inventor(s): BOT A, BUIMAGA-IARINCA L T, MORARI I C, MURARIU A T, Patent Assignee Name(s) and Code(s): INST NAT CERC-DEZVOLTARE TEHNOLOGII IZOT MOLEC, Derwent Primary Accession Number: 2018-16004X, International Patent Classification: H01M-010/12; H01M-004/73
3. METALLIC GRID FOR POSITIVE ELECTRODES IN ACID-LEAD BATTERIES, OPTIMIZED TO MINIMIZE MATERIAL CONSUMPTION IN MANUFACTURING PROCESS, Patent Number(s): RO132401-A0, Inventor(s): BOT A, BUIMAGA-IARINCA L T, MORARI I C, MURARIU A T, Patent Assignee Name(s) and Code(s): INST NAT CERC-DEZVOLTARE TEHNOLOGII IZOT MOLEC, Derwent Primary Accession Number: 2018-16003Y, International Patent Classification: H01M-010/12; H01M-004/73