

**Patents granted in 2012 – holder UPT****1. Amorphous alloy magnetic screening product and the procedure for obtaining it**

Inventors: Șerban V. A., Codrean C., Buzdugan D., Uțu I. D.

Patent no. 126021/2012

**2. Flat cam steering mechanism**

Inventors: Cipleu A., Draghici A., Ciodaru G., Lovasz E. C.

Patent no. 123472/2012

**3. Inductor for joining by brazing, soldering or welding of steel tubes and profiles**

Inventors: Nicoară M., Răduță A., Șerban V.

Patent no. 125284/2012

**4. Hot channel mold**

Inventors: Iclănzan T., Stan D., Tulcan A., Seiculescu V., Cosma C.

Patent no. 123400/2012

**5. Construction of biogas from biodegradable municipal waste**

Inventors: Savu Al., Ionel I., Fluturaș M., Savu B., Popescu F., Loniș N., Cioabla A., Matei A., Barboni V.

Patent no. 125718/2012

**Patent applications in 2012 – holder UPT****1. Tracking method of fingers and means of human-computer communication**

Inventors: Gui V., Alexa F., Căleanu C., Popa Gh., David C., Simion G.

Application no. A /00126/27.02.2012

**2. Rotators with ultrasonic activation for machining, abrasives and ultrasonic erosion**

Inventors: Turc C., Stan D., Tulcan A., Oanca O.

Application no. A /00780/01.11.2012

**3. Thermomagnetic control actuator**

Inventors: Crăciunescu C., Budău V., Mitelea I.

Application no. A/00861/23.11.2012

**4. Bilayer Actuator**

Inventors: Crăciunescu C., Budău V., Mitelea I.

Application no. A/00862/23.11.2012

**5. Process for rapid electrochemical detection of arsenic in aqueous solutions**

Inventors: Manea F., Pop A., Remeș A., Baci A.

Application no. A/00555/25.07.2012

**6. Procedures for obtaining and reconditioning quartz crucibles for developing amorphous metal alloys**

Inventors: Șerban V., Codrean C., Buzdugan D., Cornea F., Laza I.

Application no. A/00885/26.11.2012

**7. Multicava cylindrical lighter produced from pulverulent and shredded ferrous waste with granulation under 2 mm**

Inventors: Heput T., Crișan E., Ardelean E., Socalici A., Ardelean M.

Application no. A/00130/28.02.2012

**Patent applications in 2012 - holder other than UPT, inventors of UPT**

**1. Method and system to detect 3D compatible frames**

Inventors: Micea M.

Application no. A/00376/29.05.2012

Patent holder : S.C. MOVIDIUS SRL, Timișoara

**2. Solar irrigation system**

Inventors: Nanu S., Șumălan R.

Application no. A/00954/05.12.2012

Patent holder: Cluster ROSENC

**3. Wind turbine with vertical axis**

Inventors: Ciurdar O., Ciupe V.

Application no. MU00071/12.12.2012

Patent holders: Ciurdar Ovidiu, Ciupe Valentin