

List of Patents

Title	Inventor	Patent Area
Catalyst Consisting of Platinum Supported on Chemically Promoted Magnesium Oxide and Cerium Dioxide Towards H ₂ -SCR	A. M. Efstathiou G. Olympiou	International Patent Application (Expired) PCT/EP2010/003494 (filed June 10, 2010) European Patent Application No. EP 10722966.9 (filed on June 16, 2009) (Under Examination)
Respiratory-gated therapy assessment with ultrasonic contrast agents	M. Averkiou M. Lampaskis K. Kyriakopoulou	European Patent Application, EP2234544 (filed January 2009) (Patent granted 2011)
A renewable energy storage and conversion system	E. Kyriakides Z. Achillides	Publication number: WO/2011/055218 (May 2011) (Patent granted)
Catalyst Containing Platinum on a Support Consisting of Magnesium Oxide and Cerium Oxide for the Reduction of NO to N ₂ with Hydrogen Under NO _x Oxidation Conditions	A. M. Efstathiou C. N. Costa J.L.G. Fierro	European Patent No. 1 475 149 B1 (2008) (Patent granted)
Analytical Separations with Polyelectrolyte Layers, Molecular Micelles, or Zwitterionic Polymers	I. M., Warner J. B., Schlenoff C. P., Kapnissi	US Patent No. 7/314/550 (January 1, 2008) (Patent granted)
Catalyst Containing Platinum and Palladium for the Selective Reduction of NO _x with Hydrogen (H ₂ -SCR)	A. M. Efstathiou P. G. Savva C. N. Costa	European Patent Application No. EP2 177 256 A1 (Publication 21 April 2010 (filed – Under examination)
Catalyst Containing Platinum and Palladium for the Selective Reduction of NO _x with Hydrogen (H ₂ -SCR)	A. M. Efstathiou P. G. Savva C. N. Costa	Patent no. US 8114369 B2 15 April 2010. (Patent granted)
Method of Synthesis of Water Soluble Fullerene Polyacids Using a Malonate Reactant	A. Hirsch F. Beuerle N. Chronakis	US Patent No. 2006/047167 (Patent granted)
Catalyst for the Reduction of NO to N ₂ with Hydrogen under NO _x Oxidation Conditions	A. M. Efstathiou C. N. Costa J.L.G. Fierro	1. Spanish Patent No. ES 2 192 985 B1 (2005) (Patent granted) 2. US Patent No. 7,105,137 B2 (2006) (Patent granted)
Biometric Identification Method	P. Razis H. Rykaczewski I. S. Vasiliev V. S. Kaftanov V. A. Minkin A. I. Shtam	International Application Number PCT/RU2005/000473 (Patent granted)
Tocopherol Ester Compounds	A. D. Keramidis A. Odysseos A. M. Papas	US Patent No 6/716/873 B1 (April 6, 2004) (Patent granted)
Molecular Dynamics in Drug Design: New Generations of Compstatin Analogs	G. Archontis P. Tamamis D. Morikis A. Lopez de Victoria R. Gorham M.L. Bellows-Peterson C. Floudas	US Patent (filed)UC Ref: 2012-461
Bio-inspired Micro-fluidic Angular-rate Sensor	J. Georgiou (HMMY)	US Patent Office application number: 61696318. (Filed: 4/9/2012) EPO Application no. EP 13812069.6 (Filed:

		2/4/2015) (Under examination)
Removal of pharmaceutical compounds and other chemical compounds categorized as xenobiotics from water and wastewater using supramolecular structures formed by Protein-polymer biohybrids	K. Kostarelos (ΠΜΜΠ)	US patent office application no.: 61791653. (filed: 15/3/2013)
Catalyst containing platinum on a support consisting of Nano-crystal magnesium oxide and cerium dioxide towards H ₂ -SCR	A. M. Efstathiou (ΧΗΜ) P. G. Savva C. N. Costa	European Patent Application no. EP 08018088 (filed: October 15, 2008) (Κυριότητα Π.Κ 50%, έξοδα συντήρησης από Linde Engineering AG) Patent Granted
Catalyst containing platinum and palladium for the selective reduction of NO _x with hydrogen (H ₂ -SCR)	A. M. Efstathiou P. G. Savva C. N. Costa	European Patent Application no. EP 08018087 (filed: October 15, 2008) (Κυριότητα Π.Κ 50%, έξοδα συντήρησης από Linde Engineering AG) Patent Granted
All-CMOS, Low-voltage, wide-temperature range, Voltage reference circuit.	J. Georgiou (ΗΜΜΥ)	US Patent Office. Application no. 61825086 Provisional patent. (filed: 19/5/2013) EPO Application date: 3/11/2015. (Under examination)
Real-Time capacity achieving encoder design for channels with memory and feedback	Charalambos D. Charalambous (ΗΜΜΥ)	US Patent Office. Application no. 61987797 Provisional patent. (filed: 2/5/2014) EPO Application no. EP 15165990.1 (Filed: 30/4/2015) (Patent granted)