PATENT APPLICATIONS OF INSTITUTE OF PHYSICAL CHEMISTRY OF THE POLISH ACADEMY OF SCIENCES						
Lp	**Tytuł**	**Twórcy**	**Terytorium**	**Nr zgłoszenia**	**Data zgłoszenia**	**Link do zgłoszenia**
2015						
1	*Novel method of solid catalytic nanocomposites fabrication containing noble metals on polymeric matrix.*	*Tomasz Andryszewski, Michalina Iwan, Jakub Sęk, Marcin Fiałkowski, Robert Hołyst*	*Poland*	*P-411554*	*2015-03-13*	LINK
2014						
30	*Microfluidic system for automatic formation of lipid membranes and testing of membrane protein activity*	*Tomasz Kamiński, Magdalena Czekalska, Piotr Garstecki*	*Poland*	*P-410696*	*2014-12-31*	LINK
29	*A new bisbithienyl conducting polymer, molecularly imprinted with proteins, particularly with human serum albumin, its preparation and applications*	*Maciej Cieplak, Katarzyna Szwabińska, Chandra Bikram KC, Paweł Borowicz, Krzysztof Noworyta, Francis D'Souza, Włodzimierz Kutner*	*Poland*	*P-409982*	*2014-11-03*	LINK
28	*New conducting bis(bithiophene) polymer molecularly imprinted with neopterin, the method of its preparation and application of this polymer as a recognition unit of a chemosensor for selective detection and determination of neopterin*	*Piyush S. Sharma, Agnieszka Wojnarowicz, Marta Sosnowska, Francis D'Souza, Włodzimierz Kutner*	*Poland*	*P-409981*	*2014-09-29*	LINK
27	*A new conducting bis(bithiophene) polymer molecularly imprinted with 2,4,6-trinitrophenol, a method of its preparation and its application for selective detection and/or determination of nitroaromatic explosives with using fluorescence spectroscopy*	*Tan-Phat Huynh, Agnieszka Wojnarowicz, Alina Majka, Piotr Woźnicki, Paweł Borowicz, Francis D'Souza, Włodzimierz Kutner*	*Poland*	*P-409656*	*2014-09-30*	LINK
26	*Novel spectrometric method of gold content determination in solutions and porous structures containing gold nanoparticles*	*Tomasz Andryszewski, Michalina Iwan, Patrycja Kalińska, Marcin Fiałkowski, Robert Hołyst*	*Poland*	*P-409626*	*2014-09-29*	LINK

25	*Covering of nanostructured calcite crystals with α-cyclodextrin*	*Paweł Gierycz, Małgorzata Wszelaka-Rylik, Katarzyna Piotrowska*	*Poland*	*P-409581*	*2014-09-24*	LINK
24	*The microfluidic system to mixing, intended for preparing a blood sample for analysis, and the method of mixing fluids segments*	*Adam Samborski, Paweł Jankowski, Jacek A. Michalski, Judyta Węgrzyn*	*Poland*	*P-409493*	*2014-09-16*	LINK
23	*The microfluidic device to blood sedimentation, intended for preparing a blood sample for analysis, and the method of preparing blood samples for analysis*	*Adam Samborski, Paweł Jankowski, Jacek A. Michalski, Judyta Węgrzyn*	*Poland*	*P-409492*	*2014-09-16*	LINK
22	*Microfluidic system, in particular for automated generation of phospholipid bilayers and testing of membrane protein activity*	*Magdalena Czekalska, Tomasz Kamiński, Piotr Garstecki*	*Finland*	*FI 20145802*	*2014-09-12*	*LINK*
21	*A new artificial oligomer of ATATTT nucleobase sequence complementary to the promotor TATAAA sequence and its method of preparation, artificial strand of the promotor DNA containing this oligomer and its application for selective detection and determination of the TATAAA oligonucleotide*	*Agnieszka Pietrzyk-Le, Katarzyna Bartołd, Krzysztof Noworyta, Wojciech Lisowski, Mariusz Pietrzak, Małgorzata Wszelaka-Rylik, Włodzimierz Kutner, Francis D'Souza, Silvia Cauteruccio, Emanuela Licandro, Francesco Sannicolo, Patrizia R. Mussini*	*Poland*	*P-409329*	*2014-08-29*	*LINK*
20	*A new DNA probe containing thiophene derivatives and its method of preparation, a film of the conducting polymer molecularly imprinted with the use of these derivatives and the method of its preparation as well as application of this probe for selective detection and determination of the TATAAA oligonucleotide*	*Katarzyna Bartołd, Agnieszka Pietrzyk-Le, Tan-Phat Huynh, Zofia Iskierko, Krzysztof Noworyta, Marta Sosnowska, Wojciech Lisowski, Włodzimierz Kutner, Francis D'Souza, Silvia Cauteruccio, Emanuela Licandro, Francesco Sannicolo, Patrizia R. Mussini*	*Poland*	*P-409328*	*2014-08-29*	*LINK*

19	*A new Ni(II)-salen based complex and a method of its synthesis, a new method of a product preparation of the first stage of the complex synthesis, the ligand as a product of the second stage of the complex synthesis and its method of preparation, and conducting polymer obtained by polymerization of the complex and also the method for the polymer preparation and its application as electrode material for supercapacitors*	*Kamila Łępicka, Piotr Pięta, Paweł Borowicz, Aleksander Shkurenko, Leszek Stobiński, Włodzimierz Kutner*	*Poland*	*P-409326*	*2014-08-29*	*LINK*
18	*New bis(bithienyl) conducting polymer molecularly imprinted with carnosine and the method of its preparation and application for selective detection and determination of carnosine*	*Agnieszka Wojnarowicz, Piyush S. Sharma, Marta Sosnowska, Wlodzimierz Kutner, Francis D'Souza*	*Poland*	*P-409325*	*2014-08-29*	*LINK*
17	*Platform for testing of chemicals and microorganisms via surface enhanced Raman spectroscopy and method of its preparation*	*Evelin Witkowska, Tomasz Szymborski, Jacek Waluk, Agnieszka Michota-Kamińska*	*Poland*	*P-409210*	*2014-08-19*	*LINK*
16	*Method of fabricating copper platform for surface enhanced Raman scattering measurements and copper platform for surface enhanced Raman scattering measurements*	*Aneta Kowalska, Agnieszka Michota-Kamińska, Witold Adamkiewicz, Marek Tkacz*	*Sweden*	*SE 1450922-8*	*2014-08-04*	*LINK*
15	*Method of modifying a palladium-gold catalyst, in particular for hydrodechlorination of tetrachloromethane*	*Magdalena Bonarowska, Zbigniew Karpiński*	*Sweden*	*SE 1450912-9*	*2014-07-23*	*LINK*
14	*The method of elecrochemical deposition of metal nanoparticles on surface, the surface obtained by this method and the use thereof*	*Monika Księżopolska-Gocalska, Weronika Michałowicz, Marta Siek, Joanna Niedziółka-Jönsson, Marcin Opałło, Robert Hołyst*	*Poland*	*P-408785*	*2014-07-09*	*LINK*
13	*Method of Producing Derivatives of 1,3,5-triarylbenzene and Truxene*	*Marek Pietraszkiewicz, Michał R. Maciejczyk, Krzysztof P. Górski*	*United Kingdom*	*GB 1412023.2*	*2014-07-07*	*LINK*

12	*Pd/ZrO2/C catalyst, process for the preparation of the Pd/ZrO2/C catalyst, its use in formic acid fuel cells, and such a fuel cell*	*Andrzej Borodziński, Karol Juchniewicz, Piotr Kędzierzawski, Agata Zimoch, Krzysztof Jan Kurzydłowski, Artur Małolepszy, Marta Mazurkiewicz, Anna Mikołajczuk-Zychora, Leszek Stobiński*	*Poland*	*P-408564*	*2014-06-16*	*LINK*
11	*Thiophene derivatives and method of producing thereof, recognition film of molecularly imprinted conducting polymer produced using thiophene derivatives, method of producing thereof, as well as its use for selective detection and determination of inosine*	*Zofia Iskierko, Marta Sosnowska, Piyush S. Sharma, Francis D'Souza, Tiziana Benincori, Krzysztof Noworyta*	*Poland*	*P-408507*	*2014-06-11*	*LINK*
10	*New bis(2,2'-bithienyl)methane derivative and method of producing thereof, molecularly imprinted polymer film, method of producing thereof and its use for selective detection and determination of nitroaromatic compounds*	*Tan-Phat Huynh, Marta Sosnowska, Janusz Sobczak, Chandra Bikram K.C., Vladimir N. Nesterov, Francis D'Souza, Włodzimierz Kutner*	*United Kingdom*	*GB 1409820.6*	*2014-06-03*	
9	*Layers of recognizing conducting polymers, produced by method of molecular printing and the method for obtaining them, as well as application for selective detection and determination of D- and L-arbitol*	*Marcin Dąbrowski, Piyush Sindhu Sharma, Krzysztof Noworyta, Witold Adamkiewicz, Zofia Iskierko, Matthias Heim, Alexander Kuhn, Włodzimierz Kutner*	*Poland*	*P-408290*	*2014-05-22*	*LINK*
8	*Bis(2,2'-bithienyl)methane derivatives and method for production thereof, recognition film of molecularly imprinted polymer and method for production as well as use thereof for selective determination and release of nicotine*	*Tan-Phat Huynh, Chandra Bikram K.C., Marta Sosnowska, Janusz Sobczak, Vladimir N. Nesterov, Francis D'Souza, Włodzimierz Kutner*	*Poland*	*P-407167*	*2014-02-13*	*LINK*
7	*Colourimetric sensor for detection and/or identification of viruses and bacteriophages, in particular adenoviruses and T7 bacteriophages*	*Adam Leśniewski, Marcin Łoś, Martin Jönsson-Niedziółka, Anna Krajewska, Katarzyna Szot, Joanna Łoś, Joanna Niedziółka-Jönsson*	*Poland*	*P-407090*	*2014-02-05*	*LINK*
6	*Method of determination of ligand-macromolecule interaction*	*Aldona Majcher, Anna Lewandrowska, Robert Hołyst*	*Poland*	*P-407087*	*2014-02-05*	*LINK*

5	*Composite material, method for production and use thereof*	*Jan Paczesny, Katarzyna Wybrańska, Joanna Niedziółka-Jönsson, Monika Wadowska, Robert Hołyst, Marcin Fiałkowski*	*Poland*	*P-407008*	*2014-01-30*	*LINK*
4	*Novel asymmetrical spirotruxenes, method for production and use thereof in particular in organic electronics and optoelectronics*	*Michał R. Maciejczyk, Marek Pietraszkiewicz, Krzysztof P. Górski*	*Poland*	*P-407007*	*2014-01-30*	*LINK*
3	*Novel asymmetrical heterotruxenes, method for production and use thereof in particular in organic electronics and optoelectronics*	*Michał R. Maciejczyk, Marek Pietraszkiewicz, Krzysztof P. Górski*	*Poland*	*P-407006*	*2014-01-30*	*LINK*
2	*Method for preparation of carbon electrode, the carbon electrode obtained by this method and its application for the determination of thiocholine*	*Anna Celebańska, Adam Leśniewski, Marcin Opałło, Joanna Niedziółka-Jönsson*	*Poland*	*P-406915*	*2014-01-23*	*LINK*
1	*The platform and its use for the detection and / or identification of microorganisms, especially bacteria, via the technique of surface enhanced Raman effect and a method for the deposition of these microorganisms on produced platforms*	*Tomasz Szymborski, Evelin Witkowska, Witold Adamkiewicz, Jacek Waluk, Agnieszka Michota - Kamińska*	*Poland*	*P-406900*	*2014-01-22*	*LINK*
2013						
38	*Method for surface modification with nanocomposites, nanocomposite material and the use thereof*	*Katarzyna Wybrańska, Jan Paczesny, Marcin Fiałkowski, Robert Hołyst*	*World*	*PCT/EP2013/075709*	*2013-12-05*	*LINK*
37	*Method for surface modification with nanocomposites, nanocomposite material and the use thereof*	*Katarzyna Wybrańska, Jan Paczesny, Marcin Fiałkowski, Robert Hołyst*	*Poland*	*P-406393*	*2013-12-05*	*LINK*
36	*Method of obtaining a platform for tests on chemical substances using surface-enhanced Raman spectroscopy technique and a platform obtained by this process*	*Elżbieta Guziewicz, Dmytro Snigurenko, Krzysztof Kopalko, Evelin Witkowska, Tomasz Szymborski, Agnieszka Michota - Kamińska*	*Poland*	*P-406026*	*2013-11-13*	*LINK*
35	*Catalyst Ru/Pd/C, method of preparation of the catalyst Ru/Pd/C, its application in direct formic acid fuel cells and such a fuel cell*	*Piotr Kędzierzawski, Anna Mikołajczuk, Andrzej Borodziński, Leszek Stobiński*	*Germany*	*DE 10 2013 112 288.4*	*2013-11-08*	*LINK*

34	*Microfluidic system for automatic formation of lipid membranes with various and controllable size and its application*	*Tomasz Kamiński, Magdalena Czekalska, Piotr Garstecki*	*Poland*	*P-405819*	*2013-10-29*	LINK
33	*A method of joining of the plates made of polymeric materials, in particular high modulus polymeric materials and a microfluidic system formed by this method*	*Tomasz Szymborski, Paweł Jankowski, Piotr Garstecki*	*Poland*	*P-405650*	*2013-10-15*	LINK
32	*A microfluidic reactor especially for carrying out chemical reactions*	*Tomasz Szymborski, Paweł Jankowski, Piotr Garstecki*	*Poland*	*P-405651*	*2013-10-15*	LINK
31	*A method for preparing microporous MOF materials*	*Janusz Lewiński, Daniel Prochowicz, Kamil Sokołowski*	*World*	*PCT/PL2013/000129*	*2013-10-02*	LINK
30	*Microsensor for determination of concentration of hydrogen dissolved in aqueous solutions and a way of hydrogen concentration determination in aqueous solutions*	*Justyna Jędraszko, Wojciech Adamiak, Wojciech Nogala, Marcin Opałło*	*Poland*	*P-405395*	*2013-09-19*	LINK
29	*A way of hydrogen concentration determination in aqueous solutions*	*Justyna Jędraszko, Wojciech Adamiak, Wojciech Nogala, Marcin Opałło*	*Poland*	*P-408683*	*2013-09-19*	LINK
28	*Hydrogen detector*	*Marek Knor, Tomasz Jaroch, Ryszard Duś, Robert Nowakowski*	*Poland*	*P-405384*	*2013-09-18*	LINK
27	*Microfluidic system for automatic formation of lipid membranes and test of membrane protein activity*	*Magdalena Czekalska, Tomasz Kamiński, Piotr Garstecki*	*Poland*	*P-405321*	*2013-09-12*	LINK
26	*Silicate matrix, its preparation and application*	*Marcin Opałło, Anna Celebańska, Ewa Roźniecka, Olga Krysiak*	*Poland*	*P-405269*	*2013-09-09*	LINK
25	*Carbon multilayer electrode and its application*	*Marcin Opałło, Anna Celebańska, Marcin Szymon Filipiak, Justyna Jędraszko, Adam Leśniewski, Martin Jönsson-Niedziółka*	*Poland*	*P-405159*	*2013-08-29*	LINK
24	*Method for spectral compression of short broad-bandwidth laser light pulses and optical system for the same*	*Michał Nejbauer, Yuriy Stepanenko, Czesław Radzewicz, Paweł Wnuk, Piotr Skibiński, Michał Laskownicki*	*United Kingdom*	*GB 1315047.9*	*2013-08-22*	LINK
23	*System for the photocatalytic degradation of volatile organic compounds*	*Juan Carlos Colmenares Quintero, Paweł Lisowski*	*Poland*	*P-405094*	*2013-08-19*	LINK

22	*Modification method of mechanical properties of titanium-aluminum alloy and an alloy obtained by this way*	*Marek Tkacz*	*Poland*	*P-405033*	*2013-08-08*	LINK
21	*Method of fabricating copper platform for surface enhanced Raman scattering measurements and copper platform for surface enhanced Raman scattering measurements*	*Aneta Kowalska, Agnieszka Michota-Kamińska, Witold Adamkiewicz, Marek Tkacz*	*Poland*	*P-404988*	*2013-08-06*	LINK
20	*Method of activation of aluminium fluoride-supported palladium and platinum catalysts, especially for the isomerisation of n-alkanes, light gasoline fractions, light and heavy naphtha fractions and activated in this way catalysts*	*Ostap Machynskyy, Erhard Kemnitz, Zbigniew Karpiński*	*Poland*	*P-404974*	*2013-08-02*	LINK
19	*Method for the surface smoothing of polycarbonate*	*Paweł Dębski, Sławomir Jakieła, Paweł Jankowski, Dominika Ogończyk, Piotr Garstecki*	*Poland*	*P-404975*	*2013-08-02*	LINK
18	*Method of modifying a palladium-gold catalyst, especially for the hydrodechlorination of carbon tetrachloride, and obtained in this way the palladium-gold catalyst characterized by a suitable structure of the active metal phase*	*Magdalena Bonarowska, Zbigniew Karpiński*	*Poland*	*P-404842*	*2013-07-25*	LINK
17	*Method for the synthesis of 1,3,5-triarylbenzene derivatives and truxene*	*Marek Pietraszkiewicz, Michał R. Maciejczyk, Krzysztof P. Górski*	*Poland*	*P-404606*	*2013-07-09*	LINK
16	*Method of preparation of biosensor containing organized layers of bacteriophages as sensing element and biosensor itself*	*Jan Paczesny, Marcin Łoś, Łukasz Richter, Marcin Fiałkowski, Robert Hołyst*	*Poland*	*P-404582*	*2013-07-08*	LINK
15	*Portable Vacuum Case with a Sight-Glass*	*Janusz Sobczak, Aleksander Jabłoński, Włodzimierz Kutner, Krzysztof Noworyta, Andreas Glenz*	*Europe*	*EP 13174926.9*	*2013-07-03*	LINK
14	*Method of obtaining a monolayer composed of closely packed nanoparticles coated with hydrophilic and hydrophobic ligands, monolayer and application of this monolayer to cover surfaces*	*Volodymyr Sashuk, Katarzyna Winkler, Marcin Fiałkowski, Robert Hołyst*	*Poland*	*P-404256*	*2013-06-10*	LINK

13	*Method of modification of surface with nanocomposites, nanocomposite material and its application*	*Katarzyna Wybrańska, Jan Paczesny, Marcin Fiałkowski, Robert Hołyst*	*Poland*	*P-404257*	*2013-06-10*	*LINK*
12	*Pd/C catalyst, preparation method of the Pd/C catalyst, its application in the reaction of oxygen electroreduction in the formic acid fuel cell and such fuel cell*	*Anna Mikołajczuk-Zychora, Andrzej Borodziński, Piotr Kędzierzawski, Leszek Stobiński, Marta Mazurkiewicz, Artur Małolepszy, Agata Kierzek, Karol Juchniewicz*	*Poland*	*P-404242*	*2013-06-07*	*LINK*
11	*New bis(2,2'-bithienyl)methane derivative and the method of its preparation, film of the molecularly imprinted polymer, method of its preparation, and its application for selective detection and determination of nitroaromatic compounds*	*Tan-Phat Huynh, Marta Sosnowska, Janusz Sobczak, Chandra Bikram K.C., Vladimir N. Nesterov, Francis D'Souza, Włodzimierz Kutner*	*Poland*	*P-404175*	*2013-06-03*	*LINK*
10	*Optical system for directing laser beams in Offner geometry stretcher*	*Yuriy Stepanenko, Tomasz Pietruszka, Michał Nejbauer, Paweł Wnuk, Czesław Radzewicz, Piotr Skibiński, Michał Laskownicki*	*Netherlands*	*NL 2010852*	*2013-05-24*	*LINK*
9	*[C60]Fullerene derivative and the method of its preparation, molecularly imprinted fullerene polymer film ant the method of its preparation as well as their application for selective detection and determination of adenozine-5'-triphosphate (ATP)*	*Piyush S. Sharma, Marcin Dąbrowski, Krzysztof Noworyta, Chandra Bikram K.C., Tan-Phat Huynh, Janusz Sobczak, Francis D'Souza, Włodzimierz Kutner*	*Poland*	*P-403789*	*2013-05-07*	*LINK*
8	*A new bis(2,2'-bithien-5-yl)-(4-hydroxyphenyl)methane biotin ester, method of its preparation as well as the containing this ester recognition polymer film and its application for detection and/or determination of oligonucleotides*	*Marta Sosnowska, Piotr Pięta, Piyush S. Sharma, Chandra Bikram K.C., Bandi Venugopal, Francis D'Souza, Włodzimierz Kutner*	*Poland*	*P-403766*	*2013-05-06*	*LINK*
7	*Method for preparing mesoporous materials based on nano-particles of zinc carbonate and the use thererof*	*Janusz Lewiński, Kamil Sokołowski, Anna Cieślak*	*Poland*	*P-403568*	*2013-04-17*	*LINK*
6	*A device for generation of compound droplets and a method of generation of such droplets*	*Jan Guzowski, Piotr Garstecki, Sławomir Jakieła*	*Poland*	*P-403548*	*2013-04-15*	*LINK*

5	*Thiophene derivatives, molecularly imprinted polymer prepared by polymerization of thiophene derivatives and its application for selective determination and controled release of adenozine 5'-triphosphate (ATP)*	*Tan-Phat Huynh, Agnieszka Pietrzyk-Le, Chandra Bikram K.C., Krzysztof Noworyta, Janusz Sobczak, Francis D'Souza, Włodzimierz Kutner*	*United Kingdom*	*GB 1302943.4*	*2013-02-20*	*LINK*
4	*Method of determining the efficiency of double labeling of double-stranded DNA with a fluorescent dye using fluorescence correlation spectroscopy and its application in biochemical analysis*	*Sen Hou, Lili Sun, Stefan Wieczorek, Tomasz Kalwarczyk, Tomasz Kamiński, Robert Hołyst*	*Poland*	*P-402764*	*2013-02-14*	*LINK*
3	*Nucleobase substituted bis(2,2'-bithienyl)methane and its preparation procedure, a molecularly imprinted polymer film and its preparation procedure as well as application of the molecularly imprinted polymer film for determination and release of 5-fluorouracil*	*Tan-Phat Huynh, Francis D´Souza, Włodzimierz Kutner*	*Poland*	*P-402675*	*2013-02-05*	*LINK*
2	*Method of fabrication of zinc oxide nanoparticles and their application*	*Piotr Krupiński, Arkadiusz Kornowicz, Janusz Lewiński*	*Poland*	*P-402624*	*2013-01-31*	*LINK*
1	*On demand method for separation a paramagnetic material with drops and a system for the on demand separation of paramagnetic material of the drop*	*Paweł Dębski, Piotr Garstecki, Sławomir Jakieła*	*Germany*	*DE 10 2013 100 494.6*	*2013-01-18*	*LINK*
2012						
32	*Method for producing tuneable narrow-bandwidth light pulses from a source of short light pulses*	*Michał Nejbauer, Yuriy Stepanenko, Czesław Radzewicz, Paweł Wnuk, Piotr Skibiński, Bartłomiej Białkowski*	*Netherlands*	*NL 2009996*	*2012-12-17*	*LINK*
31	*The method of covering electrochemically roughened silver surface with a layer of gold of expended surface and a platform for the measurment surface-enhanced Raman effect, especially for bacteria*	*Evelin Witkowska, Sivanesan Arumugam, Agnieszka Kamińska, Witold Adamkiewicz, Jacek Waluk*	*Poland*	*P-402089*	*2012-12-17*	*LINK*

30	*Synthesis of aminothiol ligands and their application in functionalization of metallic nanoparticle surfaces, and the method of functionalization of of metallic nanoparticles, especially gold ones*	*Tomasz Andryszewski, Michalina Iwan, Marzena Wydryszek, Marcin Fiałkowski, Robert Hołyst*	*Poland*	*P-402057*	*2012-12-14*	*LINK*
29	*Catalyst Ru/Pd/C, method of preparation of the catalyst Ru/Pd/C, its application in direct formic acid fuel cells and such a fuel cell*	*Piotr Kędzierzawski, Anna Mikołajczuk, Andrzej Borodziński, Leszek Stobiński*	*Poland*	*P-401742*	*2012-11-23*	*LINK*
28	*Method for securing the polycarbonate surface, especially the surface of polycarbonate microfluidic channel, against the action of organic solvents and polycarbonate surface, especially the surface of polycarbonate microfluidic channel, thereby protected*	*Paweł Jankowski, Dominika Ogończyk, Piotr Garstecki*	*Switzerland*	*CH 02487/12*	*2012-11-23*	*LINK*
27	*Method of depositing metal nanoparticles on the surface of semiconductor materials and surface obtained by this process*	*Juan Carlos Colmenares Quintero, Agnieszka Magdziarz*	*Poland*	*P-401693*	*2012-11-20*	*LINK*
26	*A method for preparing microporous MOF materials*	*Janusz Lewiński, Daniel Prochowicz, Kamil Sokołowski*	*Poland*	*P-401074*	*2012-10-05*	*LINK*
25	*Method for forming nanowires at the interface of water and air*	*Jan Paczesny, Monika Wadowska, Zbigniew Wróbel, Kinga Matuła, Igor Dzięcielewski, Janusz Lewiński, Robert Hołyst*	*Poland*	*P-401054*	*2012-10-04*	*LINK*
24	*Method for forming thin films free of quantum dots at the interface of water and air and free thin films*	*Jan Paczesny, Monika Wadowska, Zbigniew Wróbel, Kinga Matuła, Janusz Lewiński, Robert Hołyst*	*Poland*	*P-401055*	*2012-10-04*	*LINK*
23	*Method for spectral compression of short broad-bandwidth laser light pulses and optical system for the same*	*Michał Nejbauer, Yuriy Stepanenko, Czesław Radzewicz, Paweł Wnuk, Piotr Skibiński, Michał Laskownicki*	*Poland*	*P-400752*	*2012-09-12*	*LINK*
22	*The method of deposition of metallic anoparticles on the surface, the surface obtained by this method and its application*	*Marta Siek, Joanna Niedziółka-Jönsson, Marcin Opałło, Agnieszka Kamińska, Anna Kelm, Robert Hołyst*	*Netherlands*	*NL 2009442*	*2012-09-11*	*LINK*
21	*Method for determination of blood group and system for the same*	*Sylwia Makulska, Sławomir Jakieła, Piotr Garstecki*	*Netherlands*	*NL 2009403*	*2012-09-03*	*LINK*

20	*Method for splitting droplets in microfluidic junction and system for splitting droplets in microfluidic junction*	*Tomasz Kamiński, Piotr Garstecki*	*United Kingdom*	*GB 1215443.1*	*2012-08-30*	LINK
19	*Synthesis of mangenese (II) carboxylates complexes*	*Janusz Lewiński, Zbigniew Wróbel, Arkadiusz Koronowicz*	*Poland*	*P-400502*	*2012-08-24*	LINK
18	*Method for determining chemical diffusion coefficients in the rolled capillary at high flow speed*	*Anna Lewandrowska, Aldona Majcher, Marcin Tabaka, Anna Ochab-Marcinek, Robert Hołyst*	*Poland*	*P-400322*	*2012-08-10*	LINK
17	*Method to disperse carbon nanotubes in hydrophilic ionic liquid*	*Beata Kusiak, Kamila Orłowska, Jacek Gregorowicz, Robert Hołyst*	*United Kingdom*	*GB 1213539.8*	*2012-07-30*	LINK
16	*Method for splitting droplets on demand in microfluidic junction*	*Sławomir Jakieła, Tomasz Kamiński, Piotr Garstecki*	*World*	*PCT/EP2012/064640*	*2012-07-25*	LINK
15	*Device and method for high-throughput on demand generation and merging droplets*	*Jan Guzowski, Piotr Korczyk, Sławomir Jakieła, Piotr Garstecki*	*World*	*PCT/EP2012/064641*	*2012-07-25*	LINK
14	*Antimony electrode for pH measurements*	*Iwona Flis-Kabulska, Tadeusz Zakroczymski, Janusz Flis*	*Poland*	*P-399957*	*2012-07-13*	LINK
13	*Portable Vacuum Case with a Sight-Glass*	*Janusz Sobczak, Aleksander Jabłoński, Włodzimierz Kutner, Krzysztof Noworyta, Andreas Glenz*	*Poland*	*P-399921*	*2012-07-12*	LINK
12	*Method of covering nanoparticles with thiol ligands*	*Volodymyr Sashuk, Marcin Fiałkowski, Robert Hołyst*	*Poland*	*P-399797*	*2012-07-04*	LINK
11	*Method of splitting droplets on demand at a microfluidic junction*	*Sławomir Jakieła, Tomasz Kamiński, Piotr Garstecki*	*Switzerland*	*CH 00841/12*	*2012-06-15*	LINK
10	*Method of splitting droplets on demand at a microfluidic junction*	*Sławomir Jakieła, Tomasz Kamiński, Krzysztof Churski, Piotr Garstecki*	*Switzerland*	*CH 00834/12*	*2012-06-14*	LINK
9	*Optical system for directing laser beams in Offner geometry stretcher*	*Yuriy Stepanenko, Tomasz Pietruszka, Michał Nejbauer, Paweł Wnuk, Czesław Radzewicz, Piotr Skibiński, Michał Laskownicki*	*Poland*	*P-399496*	*2012-06-12*	LINK
8	*Microfluidic system for fluid power nozzle assembly*	*Marcin Izydorzak, Piotr Garstecki*	*Germany*	*DE 10 2012 104 867.3*	*2012-06-05*	LINK
7	*Method for deposition of nanoparticles on solid substrates and surface covered by this method*	*Jan Paczesny, Krzysztof Sozański, Robert Hołyst, Igor Dzięcielewski, Andrzej Żywociński, Witold Adamkiewicz*	*Switzerland*	*CH 00551/12*	*2012-04-23*	LINK

6	*Probe for determining the rate of hydrogen permeation in metals and apparatus comprising the same*	*Iwona Flis-Kabulska, Janusz Flis, Tadeusz Zakroczymski*	*United Kingdom*	*GB 1206050.5*	*2012-04-04*	*LINK*
5	*Thiophene derivatives, molecularly imprinted polymer prepared by polymerization of thiophene derivatives and its application for selective determination and controled release of adenozine 5'-triphosphate (ATP)*	*Tan-Phat Huynh, Agnieszka Pietrzyk-Le, Chandra Bikram K.C., Krzysztof Noworyta, Janusz Sobczak, Francis D'Souza, Włodzimierz Kutner*	*Poland*	*P-398275*	*2012-02-29*	*LINK*
4	*Derivatives of bis(2,2'-bithienyl)methane, molecularly imprinted polymer prepared by polymerization of derivatives of bis(2,2'-bithienyl)methane and its application for selective determination and release of adrenaline*	*Tan-Phat Huynh, Wojciech Lisowski, Włodzimierz Kutner, Chandra Bikram K.C., Francis D'Souza*	*Poland*	*P-398219*	*2012-02-24*	*LINK*
3	*Nanoparticles coated with hydrophilic ligands, monolayer made of such nanoparticles, and surface covered with this monolayer*	*Volodymyr Sashuk, Marcin Fiałkowski, Robert Hołyst*	*Germany*	*DE 10 2012 100 467.6*	*2012-01-20*	*LINK*
2	*On demand method for separation a paramagnetic material with drops and a system for the on demand separation of paramagnetic material of the drop*	*Paweł Dębski, Piotr Garstecki, Sławomir Jakieła*	*Poland*	*P-397837*	*2012-01-18*	*LINK*
1	*Method for obtaining narrow band tunable light pulses from a source of short light pulses*	*Michał Nejbauer, Yuriy Stepanenko, Czesław Radzewicz, Paweł Wnuk, Piotr Skibiński, Bartłomiej Białkowski*	*Poland*	*P-397704*	*2012-01-04*	*LINK*
2011						
48	*Multilayer electrode for the determination of dopamine and its application*	*Anna Celebańska, Marcin Opałło, Adam Leśniewski, Dorota Tomaszewska*	*Germany*	*DE 10 2011 056 381.4*	*2011-12-14*	*LINK*
47	*Method for securing the polycarbonate surface, especially the surface of polycarbonate microfluidic channel, against the action of organic solvents and polycarbonate surface, especially the surface of polycarbonate microfluidic channel, thereby protected*	*Paweł Jankowski, Dominika Ogończyk, Piotr Garstecki*	*Poland*	*P-397344*	*2011-12-12*	*LINK*

46	*Method of generation of capsules with hydrophilic cores and polymeric shells*	*Piotr Garstecki, Marcin Izydorzak*	*United Kingdom*	*GB 1121169.5*	*2011-12-09*	LINK
45	*SERS measurement platform, and a method for its manufacture*	*Jan Paczesny, Krzysztof Sozański, Andrzej Żywociński, Witold Adamkiewicz, Igor Dzięcielewski, Katarzyna Winkler, Agnieszka Kamińska, Robert Hołyst*	*Poland*	*P-397249*	*2011-12-05*	LINK
44	*Method for obtaining monodisperse pectin microgels using micro-flow system*	*Dominika Ogończyk, Piotr Garstecki, Marta Siek*	*Germany*	*DE 10 2011 055 861.6*	*2011-11-30*	LINK
43	*The solid surface covering method by two-dimensional network of nanoparticles and a solid surface covered by this method*	*Jan Paczesny, Krzysztof Sozański, Andrzej Żywociński, Witold Adamkiewicz, Igor Dzięcielewski, Katarzyna Winkler, Agnieszka Kamińska, Robert Hołyst*	*Poland*	*P-397169*	*2011-11-29*	LINK
42	*Biocathode, method of fabricating a biocathode and zinc-oxygen cell comprising a biocathode*	*Ewa Roźniecka, Marcin Opałło, Martin Jonsson-Niedziółka, Joanna Niedziółka-Jonsson, Katarzyna Szot*	*United Kingdom*	*GB 1119819.9*	*2011-11-17*	LINK
41	*Method of synthesis of brominated carbon nanotubes*	*Leszek Stobiński, Oskar Michalski, Piotr Tomasik, Marta Mazurkiewicz, Artur Małolepszy*	*Poland*	*P-396865*	*2011-11-03*	LINK
40	*The method of deposition of metallic anoparticles on the surface, the surface obtained by this method and its application*	*Marta Siek, Joanna Niedziółka-Jönsson, Marcin Opałło, Agnieszka Kamińska, Anna Kelm, Robert Hołyst*	*Poland*	*P-396578*	*2011-10-08*	LINK
39	*Zinc dioxygen cell and its application*	*Wojciech Nogala, Ewa Roźniecka, Marcin Opałło*	*United Kingdom*	*GB 1117299.6*	*2011-10-07*	LINK
38	*Method and system for determination of blood type*	*Tomasz Kamiński, Piotr Garstecki*	*Poland*	*P-396493*	*2011-09-30*	LINK
37	*Method and system for splitting droplets at a microfluidic junction*	*Sylwia Makulska, Sławomir Jakieła, Piotr Garstecki*	*Poland*	*P-396494*	*2011-09-30*	LINK
36	*Method of modification of the surface of polycarbonate and the surface of polycarbonate modified with the use of the same method*	*Paweł Jankowski, Ladislav Derzsi, Piotr Garstecki*	*Switzerland*	*CH 01560/11*	*2011-09-21*	LINK
35	*The method of deposition of metallic nanoparticles on the surface, the surface obtained by this method and its application*	*Joanna Niedziółka-Jonsson, Izabela Kamińska, Agnieszka Kamińska, Marcin Opałło, Robert Hołyst*	*Switzerland*	*CH 01515/11*	*2011-09-13*	LINK

34	*Method to modify surfaces of microchannels fabricated in polycarbonate object and a polycarbonate object containing a microchannelmodified with the method*	*Piotr Garstecki, Paweł Jankowski, Dominika Ogończyk*	*United Kingdom*	*GB 1115817.7*	*2011-09-13*	LINK
33	*Application of borohydride for purification of the Surface Enhanced Raman Spectroscopy platforms containing a layer of gold*	*Volodymyr Sashuk, Agnieszka Kamińska, Robert Hołyst, Marcin Fiałkowski*	*Switzerland*	*CH 01477/11*	*2011-09-08*	LINK
32	*The method of covering hydrophilic solids with a layer of gold of expanded surface, and hydrophilic solid covered with a layer of gold of expanded surface*	*Katarzyna Winkler, Marcin Fiałkowski, Agnieszka Kamińska, Robert Hołyst*	*Switzerland*	*CH 01389/11*	*2011-08-25*	LINK
31	*Method to prepare carbon nanotubes incorporated cellulose nanocomposite and carbon nanotubes incorporated cellulose nanocomposite*	*Jacek Gregorowicz, Robert Hołyst, Anna Kelm, Beata Kusiak*	*United Kingdom*	*GB 1114609.9*	*2011-08-24*	LINK
30	*Method of synthesis of chlorinated carbon nanotubes*	*Leszek Stobiński, Oskar Michalski, Piotr Tomasik, Andrzej Borodziński, Piotr Kędzierzawski*	*Poland*	*P-395833*	*2011-08-02*	LINK
29	*Method of synthesis of iodinated carbon nanotubes*	*Leszek Stobiński, Oskar Michalski, Piotr Tomasik*	*Poland*	*P-395834*	*2011-08-02*	LINK
28	*Method to disperse carbon nanotubes in hydrophilic ionic liquid*	*Beata Kusiak, Kamila Orłowska, Jacek Gregorowicz, Robert Hołyst*	*Poland*	*P-395835*	*2011-08-02*	LINK
27	*Microfluidic system for fluid power nozzle assembly*	*Marcin Izydorzak, Piotr Garstecki*	*Poland*	*P-395774*	*2011-07-27*	LINK
26	*System and method for high-throughput formation and merging of droplets produced on demand*	*Jan Guzowski, Piotr Korczyk, Sławomir Jakieła, Piotr Garstecki*	*Poland*	*P-395775*	*2011-07-27*	LINK
25	*Method of splitting droplets on demand at a microfluidic junction*	*Sławomir Jakieła, Tomasz Kamiński, Piotr Garstecki*	*Poland*	*P-395776*	*2011-07-27*	LINK
24	*Method of splitting droplets on demand at a microfluidic junction*	*Sławomir Jakieła, Tomasz Kamiński, Piotr Garstecki*	*Poland*	*P-395777*	*2011-07-27*	LINK
23	*Method of splitting droplets on demand at a microfluidic junction*	*Sławomir Jakieła, Tomasz Kamiński, Krzysztof Churski, Piotr Garstecki*	*Poland*	*P-395778*	*2011-07-27*	LINK
22	*Luminescent compounds, method of preparation of luminescent compounds and applications thereof*	*Janusz Lewiński, Kamil Sokołowski*	*World*	*PCT/PL2011/000070*	*2011-07-06*	LINK

21	*Method for deposition of nanoparticles on solid substrates and surface covered by this method*	*Jan Paczesny, Krzysztof Sozański, Robert Hołyst, Igor Dzięcielewski, Andrzej Żywociński, Witold Adamkiewicz*	*Poland*	*P-395009*	*2011-05-25*	*LINK*
20	*Porphyrin derivative, polymerized layer containing a porphyrin derivative and its use for the determination and release of nicotine*	*Krzysztof Noworyta, Włodzimierz Kutner, Channa Wijesinghe, Francis D'Souza*	*Poland*	*P-394919*	*2011-05-18*	*LINK*
19	*The method of deposition of metallic nanoparticles on the surface and the surface obtained by this method*	*Joanna Niedziółka-Jönsson, Izabela Kamińska, Marcin Opałło*	*Switzerland*	*CH 00790/11*	*2011-05-09*	*LINK*
18	*Probe for determining the penetration rate of hydrogen into metal and a device comprising such a probe*	*Iwona Flis-Kabulska, Janusz Flis, Tadeusz Zakroczymski*	*Poland*	*P-394698*	*2011-04-29*	*LINK*
17	*Capsules with hydrophilic core and polymeric shell and method of generation thereof*	*Piotr Garstecki, Marcin Izydorzak, Jacek Andrzej Michalski, Dominika Ogończyk*	*United Kingdom*	*GB 1106992.9*	*2011-04-27*	*LINK*
16	*Capsules with hydrophilic core and polymeric shell and method of generation thereof*	*Piotr Garstecki, Marcin Izydorzak, Jacek Andrzej Michalski, Dominika Ogończyk*	*United Kingdom*	*GB 1106947.3*	*2011-04-27*	*LINK*
15	*Substrate for surface enhanced raman scattering studies*	*Igor Dzięcielewski, Robert Hołyst, Agnieszka Kamińska, Sylwester Porowski, Tadeusz Suski, Jan Weyher*	*Europe*	*EP 11159330.7*	*2011-03-23*	*LINK*
14	*Substrate for surface enhanced raman scattering studies*	*Igor Dzięcielewski, Robert Hołyst, Agnieszka Kamińska, Sylwester Porowski, Tadeusz Suski, Jan Weyher*	*Japan*	*JP 2011-062201*	*2011-03-22*	
13	*Substrate for surface enhanced raman scattering studies*	*Igor Dzięcielewski, Robert Hołyst, Agnieszka Kamińska, Sylwester Porowski, Tadeusz Suski, Jan Weyher*	*South Korea*	*KR 10-2011-0025571*	*2011-03-22*	
12	*Substrate for surface enhanced raman scattering studies*	*Igor Dzięcielewski, Robert Hołyst, Agnieszka Kamińska, Sylwester Porowski, Tadeusz Suski, Jan Weyher*	*Canada*	*CN 201110071515.7*	*2011-03-21*	
11	*Substrate for surface enhanced raman scattering studies*	*Igor Dzięcielewski, Robert Hołyst, Agnieszka Kamińska, Sylwester Porowski, Tadeusz Suski, Jan Weyher*	*United States*	*US 13/051,618*	*2011-03-18*	*LINK*

10	*Substrate for surface enhanced raman scattering studies*	*Igor Dzięcielewski, Robert Hołyst, Agnieszka Kamińska, Sylwester Porowski, Tadeusz Suski, Jan Weyher*	*Russia*	*RU 2011110372*	*2011-03-15*	
9	*Substrate for surface enhanced raman scattering studies*	*Igor Dzięcielewski, Robert Hołyst, Agnieszka Kamińska, Sylwester Porowski, Tadeusz Suski, Jan Weyher*	*Ukraine*	*UA 2011 02774*	*2011-03-09*	
8	*Substrate for surface enhanced raman scattering studies*	*Igor Dzięcielewski, Robert Hołyst, Agnieszka Kamińska, Sylwester Porowski, Tadeusz Suski, Jan Weyher*	*India*	*IN 564/MUM/2011*	*2011-03-01*	
7	*Composite material, pyr-CNTsI(C60Fc-Pd), especially suitable for constructing of electrochemical capacitors and an electrochemical capacitor*	*Piotr Pięta, Ievgen Obraztsov, Janusz Sobczak, Włodzimierz Kutner, Krzysztof Winkler, Alan Balch, Sushanta Das, Francis D'Souza*	*Poland*	*P-393956*	*2011-02-18*	*LINK*
6	*Method of coating material surfaces with nanoparticles*	*Maciej Paszewski, Marcin Fiałkowski, Ewelina Kalwarczyk, Tomasz Kalwarczyk, Katarzyna Winkler, Robert Hołyst*	*United Kingdom*	*GB 1102589.7*	*2011-02-15*	*LINK*
5	*System and method for increasing repetition rate of laser pulses*	*Yuriy Stepanenko*	*Switzerland*	*CH 00234/11*	*2011-02-09*	*LINK*
4	*Nanoparticles coated with hydrophilic ligands, monolayer made of such nanoparticles, and surface covered with this monolayer*	*Volodymyr Sashuk, Marcin Fiałkowski, Robert Hołyst*	*Poland*	*P-393843*	*2011-02-03*	*LINK*
3	*Method for manufacturing of zinc oxide nanoparticles*	*Janusz Lewiński, Kamil Sokołowski, Michał Leszczyński, Karolina Zelga*	*Poland*	*P-393834*	*2011-02-02*	*LINK*
2	*System and method for automated generation and handling of liquid mixtures*	*Krzysztof Churski, Sławomir Jakieła, Tomasz Kamiński, Sylwia Makulska, Marcin Izydorzak, Piotr Garstecki, Piotr Korczyk*	*World*	*PCT/PL2011/050002*	*2011-01-21*	*LINK*
1	*System and method for automated generation and handling of liquid mixtures*	*Krzysztof Churski, Sławomir Jakieła, Tomasz Kamiński, Sylwia Makulska, Marcin Izydorzak, Piotr Garstecki*	*Poland*	*P-393619*	*2011-01-11*	*LINK*
2010						
24	*Multilayer electrode for the determination of dopamine and its application*	*Anna Celebańska, Marcin Opałło, Adam Leśniewski, Dorota Tomaszewska*	*Poland*	*P-393311*	*2010-12-16*	*LINK*

23	*Method of generation of capsules with hydrofilic core and polymeric shell*	*Piotr Garstecki, Marcin Izydorzak*	*Poland*	*P-393261*	*2010-12-14*	LINK
22	*Biocathode, method for producing the biocathode and zinc-oxygen cell comprising the biocathode*	*Ewa Roźniecka, Marcin Opałło, Martin Jönsson-Niedziółka, Joanna Niedziółka-Jönsson, Katarzyna Szot*	*Poland*	*P-393196*	*2010-12-10*	LINK
21	*Method for obtaining monodisperse pectin microgels using micro-flow system*	*Dominika Ogończyk, Piotr Garstecki, Marta Siek*	*Poland*	*P-393195*	*2010-12-10*	LINK
20	*Method for bonding polycarbonate panels preserving their surface micro-structure*	*Dominika Ogończyk, Judyta Węgrzyn, Paweł Jankowski, Piotr Garstecki*	*Switzerland*	*CH 01957/10*	*2010-11-23*	LINK
19	*Zinc-oxygen cell and the use thereof*	*Wojciech Nogala, Ewa Roźniecka, Marcin Opałło*	*Poland*	*P-392705*	*2010-10-20*	LINK
18	*Pheromone trap*	*Jan Zasłona*	*Poland*	*P-392614*	*2010-10-11*	LINK
17	*Method of modification of the surface of polycarbonate and the surface of polycarbonate modified with the use of the same method*	*Paweł Jankowski, Ladislav Derzsi, Piotr Garstecki*	*Poland*	*P-392467*	*2010-09-22*	LINK
16	*Use of borohydride solution for cleaning the platforms for the measurements of surface-enhanced Raman effect, containing a layer of gold*	*Volodymyr Sashuk, Agnieszka Kamińska, Robert Hołyst, Marcin Fiałkowski*	*Poland*	*P-392460*	*2010-09-21*	LINK
15	*Use of ammonia and hydrogen peroxide solution for cleaning the platforms for the measurements of surface-enhanced Raman effect, containing a layer of gold*	*Volodymyr Sashuk, Agnieszka Kamińska, Robert Hołyst, Marcin Fiałkowski*	*Poland*	*P-392461*	*2010-09-21*	LINK
14	*Method of modification of the surface of microchannels fabricated in polycarbonate element and the polycarbonate element comprising a microchannel modified with the same method*	*Piotr Garstecki, Paweł Jankowski, Dominika Ogończyk*	*Poland*	*P-392411*	*2010-09-16*	LINK
13	*Method for depositing metal nanoparticles on a surface and the surface obtained using this method and the use thereof*	*Izabela Kamińska, Agnieszka Kamińska, Joanna Niedziółka-Jönsson, Robert Hołyst, Marcin Opałło*	*Poland*	*P-392364*	*2010-09-14*	LINK
12	*Method for covering the hydrophylic solid bodies with expanded surface area with the gold coating, and the hydrophylic solid body with expanded surface area*	*Katarzyna Winkler, Marcin Fiałkowski, Agnieszka Kamińska, Robert Hołyst*	*Poland*	*P-392222*	*2010-08-25*	LINK

11	*Method to prepare carbon nanotubes incorporated cellulose nanocomposite and carbon nanotubes incorporated cellulose nanocomposite*	*Jacek Gregorowicz, Robert Hołyst, Anna Kelm, Beata Kusiak*	*Poland*	*P-392221*	*2010-08-25*	LINK
10	*Luminescent compounds, method of preparation of luminescent compounds and applications thereof*	*Janusz Zbigniew Lewiński, Kamil Sokołowski*	*Poland*	*P-391776*	*2010-07-07*	LINK
9	*A method of deposition of metallic nanoparticles and surface obtained by this method*	*Joanna Niedziółka-Jönsson, Izabela Kamińska, Marcin Opałło*	*Poland*	*P-391456*	*2010-06-11*	LINK
8	*Method for modification of carbon nanotubes, especially polyhedral*	*Leszek Stobiński, Piotr Tomasik, Karen Khachatryan, Gohar Khachatryan, Oskar Michalski*	*Poland*	*P-391415*	*2010-06-02*	LINK
7	*Capsules with hydrofilic core and polymeric shell and method of production thereof*	*Piotr Garstecki, Marcin Izydorzak, Jacek Michalski, Dominika Ogończyk*	*Poland*	*P-391361*	*2010-05-28*	LINK
6	*Capsules with hydrofilic core and polymeric shell*	*Piotr Garstecki, Marcin Izydorzak, Jacek Michalski, Dominika Ogończyk*	*Poland*	*P-391216*	*2010-05-14*	LINK
5	*Method of coating material surfaces with nanoparticles*	*Marcin Fiałkowski, Robert Hołyst, Ewelina Kalwarczyk, Tomasz Kalwarczyk, Maciej Paszewski, Katarzyna Winkler*	*Poland*	*P-391217*	*2010-05-14*	LINK
4	*System and method for increasing repetition rate of laser pulses*	*Yuriy Stepanenko*	*Poland*	*P-391054*	*2010-04-26*	LINK
3	*Substrate for surface enhanced raman scattering studies*	*Igor Dzięcielewski, Robert Hołyst, Agnieszka Kamińska, Sylwester Porowski, Tadeusz Suski, Jan Weyher*	*Poland*	*P-390798*	*2010-03-23*	LINK
2	*Method and system for generation of droplets on demand in microfluidic chip and for generation of sequences of droplets of preprogrammed combinations of concentrations of input liquids*	*Krzysztof Churski, Piotr Korczyk, Piotr Garstecki*	*Poland*	*P-390251*	*2010-01-24*	LINK
1	*Valve for closing the flow of fluid*	*Krzysztof Churski, Piotr Garstecki*	*Poland*	*P-390250*	*2010-01-24*	LINK
2009						
11	*Method for increasing the solubility of acyclovir derivatives*	*Paweł Gierycz, Malgorzata Koźbiał, Wojciech Zielenkiewicz, Bożenna Golankiewicz*	*Poland*	*P-390013*	*2009-12-22*	LINK

10	*Method for bonding polycarbonate panels preserving their surface micro-structure*	*Dominika Ogończyk, Judyta Węgrzyn, Paweł Jankowski, Piotr Garstecki*	*Poland*	*P-389750*	*2009-12-03*	*LINK*
9	*Microvalve and system for micro-flow creating of liquid droplets and gas bubbles on demand, with the given volume and at the given time*	*Krzysztof Churski, Jacek Michalski, Piotr Garstecki*	*Poland*	*P-389386*	*2009-10-27*	*LINK*
8	*Method for introducing hydrophilic, charged nanoparticles into ordered surfactant phases*	*Ewelina Kalwarczyk, Marcin Fiałkowski, Robert Hołyst, Maciej Paszewski, Xia Xin*	*Poland*	*P-389326*	*2009-10-20*	*LINK*
7	*The way of obtaining of monodispersed calcium carbonate covered by fatty acids*	*Karolina Kędra-Królik, Paweł Gierycz, Malgorzata Wszelaka-Rylik*	*Poland*	*P-389155*	*2009-09-29*	*LINK*
6	*Process for the preparation of nanomolecular, monodisperse calcium carbonate*	*Karolina Kędra-Królik, Paweł Gierycz*	*Poland*	*P-388847*	*2009-08-20*	*LINK*
5	*Molecularly imprinted polymer, method of its preparation, and piezoelectric chemical sensor for detection and determination of biologically active substances selected from a group of biogenic amines, advantageously melamine*	*Agnieszka Pietrzyk, Włodzimierz Kutner, Raghu Chitta, Francis D'Souza, Francesco Sanicolo, Patrizia R. Mussini*	*Poland*	*P-388565*	*2009-07-18*	*LINK*
4	*Method of preparation of ordered surfactant phases containig carbon nanotubes*	*Stefan Wieczorek, Robert Hołyst, Xia Xin, Hongguang Li*	*Poland*	*P-387455*	*2009-03-10*	*LINK*
3	*Method of precipitation putting in order the cationic solutions of surface active agents in polar solvents, preferably in water*	*Robert Hołyst, Marcin Fiałkowski, Ewelina Kalwarczyk, Monika Pyzalska, Joanna Kęska, Monika Gołoś, Karolina Urbaniak*	*Poland*	*P-387292*	*2009-02-17*	*LINK*
2	*Method of detection and measurement of influence between a macro molecule A and a small particle B*	*Anna Bielejewska, Andrzej Bylina*	*Poland*	*P-387209*	*2009-02-05*	*LINK*
1	*Method of precipitating and arranging ionic solutions of the surface-active agents, preferably in the mixtures of water and polar solvents*	*Robert Hołyst, Marcin Fiałkowski, Ewelina Kalwarczyk, Monika Pyzalska, Joanna Kęska, Monika Gołoś, Karolina Urbaniak*	*Poland*	*P-387151*	*2009-01-29*	*LINK*
2008						
4	*Composite material for building electrochemical capacitors and the method of its preparation*	*Piotr Pięta, Emilia Grodzka, Krzysztof Winkler, Alan L. Balch, Ganesh M. Venukadasulad, Francis D'Souza, Włodzimierz Kutner*	*Poland*	*P-386921*	*2008-12-24*	*LINK*

3	*Method of activation of titanium surface under control of electrode potential*	*Andrzej Sadkowski, Magdalena Warczak*	*Poland*	*P-386689*	*2008-12-04*	*LINK*
2	*Molecularly imprinted polymer and a method of its preparation as well as piezoelectric chemical sensor for determination of biologically active compounds, particularly histamine, dopamine, and adenine*	*Chitta Raghu, Włodzimierz Kutner, Subramanian Suriyanarayanan, Agnieszka Pietrzyk, Francis D'Souza*	*Poland*	*P-386665*	*2008-12-02*	*LINK*
1	*Method for speeding up the phase separation in heterogeneous media, especially in polymer/liquid crystal and polymer/polymer blends*	*Robert Hołyst, Piotr Garstecki, Stefan Wieczorek, Tomasz Szymborski, Natalia Ziębacz*	*Poland*	*P-385743*	*2008-07-24*	*LINK*