PATENTS OF INSTITUTE OF PHYSICAL CHEMISTRY OF THE POLISH ACADEMY OF SCIENCES						
No.	**Title**	**Inventors**	**Territory**	**Patent No.**	**Grant date**	**Link to patent**
			2016			
1	Method of modifying a palladium-gold catalyst, in particular for hydrodechlorination of tetrachloromethane	Magdalena Bonarowska, Zbigniew Karpiński	Sweden	SE 538005	2016-02-09	
			2015			
34	Substrate for surface enhanced raman scattering studies	Igor Dzięcielewski, Robert Hołyst, Agnieszka Kamińska, Sylwester Porowski, Tadeusz Suski, Jan Weyher	Russia	RU 2574176	2015-12-29	
33	Luminescent compounds, method of preparation of luminescent compounds and applications thereof	Janusz Lewiński, Kamil Sokołowski	United States	US 9,217,104	2015-12-22	LINK
30	Modification method of mechanical properties of titanium-aluminum alloy and an alloy obtained by this way	Marek Tkacz	Poland	PL 223403	2015-12-17	LINK
31	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	PL 223431	2015-12-16	LINK
30	A microfluidic reactor especially for carrying out chemical reactions	Tomasz Szymborski, Paweł Jankowski, Piotr Garstecki	Poland	PL 223432	2015-12-15	LINK
29	Microfluidic system, in particular for automated generation of phospholipid bilayers and testing of membrane protein activity	Magdalena Czekalska, Tomasz Kamiński, Piotr Garstecki	Finland	FI 125616	2015-12-15	LINK
28	Method of synthesis of brominated carbon nanotubes	Leszek Stobiński, Oskar Michalski, Piotr Tomasik, Marta Mazurkiewicz, Artur Małolepszy	Poland	PL 223267	2015-12-14	LINK
27	Microfluidic system for automatic formation of lipid membranes and test of membrane protein activity	Magdalena Czekalska, Tomasz Kamiński, Piotr Garstecki	Poland	PL 223410	2015-12-10	LINK

26	*Bis(2,2'-bitienylo)-(4-hydroxyphenyl)methane biotin ester, process for its preparation, and the ester containing polymer layer recognition and its application to the 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*	*PL 223074*	*2015-12-09*	LINK
25	*Method of determining the efficiency of double labeling of double-stranded DNA with a fluorescent dye and its application*	*Sen Hou, Lili Sun, Stefan Wieczorek, Tomasz Kalwarczyk, Tomasz Kamiński, Robert Hołyst*	*Poland*	*PL 223116*	*2015-12-09*	LINK
24	*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*	*PL 223362*	*2015-12-04*	LINK
23	*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*	*PL 223094*	*2015-12-01*	LINK
22	*Method of synthesis of iodinated carbon nanotubes*	*Leszek Stobiński, Oskar Michalski, Piotr Tomasik*	*Poland*	*PL 222516*	*2015-10-01*	LINK
21	*Method of synthesis of chlorinated carbon nanotubes*	*Leszek Stobiński, Oskar Michalski, Piotr Tomasik, Andrzej Borodziński, Piotr Kędzierzawski*	*Poland*	*PL 222515*	*2015-10-01*	LINK
20	*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*	*PL 222413*	*2015-09-24*	LINK
19	*Manganese(II) carboxylates complexes and a process for their preparation*	*Janusz Lewiński, Zbigniew Wróbel, Arkadiusz Kornowicz*	*Poland*	*PL 222037*	*2015-08-19*	LINK
18	*Microfluidic system for fluid power nozzle assembly*	*Marcin Izydorzak, Piotr Garstecki*	*Poland*	*PL 221906*	*2015-08-17*	LINK
17	*Method of depositing metal nanoparticles on the surface of semiconductor materials and surface obtained by this process*	*Juan Carlos Colmenares Quintero, Agnieszka Magdziarz*	*Poland*	*PL 222050*	*2015-08-06*	LINK

16	*Substrate for surface enhanced raman scattering studies*	*Igor Dzięcielewski, Robert Hołyst, Agnieszka Kamińska, Sylwester Porowski, Tadeusz Suski, Jan Weyher*	*Ukraine*	*UA 109104*	*2015-07-27*	LINK
15	*Device for determining the penetration rate of hydrogen into meta*	*Iwona Flis-Kabulska, Janusz Flis, Tadeusz Zakroczymski*	*Poland*	*PL 68322*	*2015-07-17*	LINK
14	*Probe for determining the penetration rate of hydrogen into meta*	*Iwona Flis-Kabulska, Janusz Flis, Tadeusz Zakroczymski*	*Poland*	*PL 68319*	*2015-07-13*	LINK
13	*Nanoparticles coated with hydrophilic ligands, monolayer made of such nanoparticles, and surface covered with this monolayer*	*Volodymyr Sashuk, Marcin Fiałkowski, Robert Hołyst*	*Poland*	*PL 220925*	*2015-06-15*	LINK
12	*Method for determining the hydrogen concentration in aqueous solutions*	*Justyna Jędraszko, Wojciech Adamiak, Wojciech Nogala, Marcin Opałło*	*Poland*	*PL 220929*	*2015-06-10*	LINK
11	*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*	*PL 220928*	*2015-06-08*	LINK
10	*Biocathode, method for producing the biocathode and zinc-oxygen cell*	*Ewa Roźniecka, Marcin Opałło, Martin Jönsson-Niedziółka, Joanna Niedziółka-Jönsson, Katarzyna Szot*	*Poland*	*PL 220927*	*2015-06-08*	LINK
9	*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*	*PL 220926*	*2015-06-08*	LINK
8	*A method of deposition of metallic nanoparticles on a surface*	*Joanna Niedziółka-Jönsson, Izabela Kamińska, Marcin Opałło*	*Poland*	*PL 220942*	*2015-06-02*	LINK
7	*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*	*PL 221220*	*2015-05-19*	LINK
6	*System and method for high-throughput formation and merging of droplets produced on demand*	*Jan Guzowski, Piotr Korczyk, Sławomir Jakieła, Piotr Garstecki*	*Poland*	*PL 221042*	*2015-05-12*	LINK

5	*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*	*2015-04-14*	LINK
4	*Method for the synthesis of 1,3,5-triarylbenzene derivatives and truxene*	*Marek Pietraszkiewicz, Michał R. Maciejczyk, Krzysztof P. Górski*	*Poland*	*PL 220792*	*2015-03-25*	LINK
3	*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*	*PL 220945*	*2015-03-18*	LINK
2	*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*	*PL 220820*	*2015-02-17*	LINK
1	*Method of covering nanoparticles with thiol ligands*	*Volodymyr Sashuk, Marcin Fiałkowski, Robert Hołyst*	*Poland*	*PL 220832*	*2015-02-11*	LINK
2014						
24	*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*	*PL 220371*	*2014-12-23*	LINK
23	*Portable Vacuum Case with a Sight-Glass*	*Janusz Sobczak, Aleksander Jabłoński, Włodzimierz Kutner, Krzysztof Noworyta, Andreas Glenz*	*Poland*	*PL 220339*	*2014-12-17*	LINK
22	*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*	*2014-12-09*	LINK
21	*A method of deposition of metallic nanoparticles on a surface*	*Joanna Niedziółka-Jönsson, Izabela Kamińska, Marcin Opałło*	*Poland*	*PL 219821*	*2014-12-04*	LINK
20	*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*	*PL 220250*	*2014-12-04*	LINK

19	*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*	*PL 219767*	*2014-11-24*	LINK
18	*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*	*PL 219899*	*2014-11-21*	LINK
17	*Method and system for determination of blood type*	*Sylwia Makulska, Sławomir Jakieła, Piotr Garstecki*	*Poland*	*PL 219803*	*2014-11-12*	LINK
16	*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*	*PL 219675*	*2014-10-16*	LINK
15	*Substrate for surface enhanced raman scattering studies*	*Igor Dzięcielewski, Robert Hołyst, Agnieszka Kamińska, Sylwester Porowski, Tadeusz Suski, Jan Weyher*	*Poland*	*PL 219706*	*2014-10-10*	LINK
14	*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*	*PL 219208*	*2014-09-19*	LINK
13	*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*	*PL 219206*	*2014-09-19*	LINK
12	*System and method for increasing repetition rate of laser pulses*	*Yuriy Stepanenko*	*Poland*	*PL 219002*	*2014-08-05*	LINK
11	*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*	*PL 218683*	*2014-06-23*	LINK
10	*System and method for increasing repetition rate of laser pulses*	*Yuriy Stepanenko*	*Switzerland*	*CH 703023*	*2014-05-30*	LINK
9	*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*	*PL 218755*	*2014-05-16*	LINK

8	*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 705873*	*2014-05-15*	LINK
7	*Pheromone trap*	*Jan Zasłona*	*Poland*	*PL 067457*	*2014-04-08*	LINK
6	*Method for manufacturing of zinc oxide nanoparticles*	*Janusz Lewiński, Kamil Sokołowski, Michał Leszczyński, Karolina Zelga*	*Poland*	*PL 217969*	*2014-02-26*	LINK
5	*Capsules with hydrofilic core and polymeric shell and method of production thereof*	*Piotr Garstecki, Marcin Izydorzak, Jacek Michalski, Dominika Ogończyk*	*Poland*	*PL 218009*	*2014-02-25*	LINK
4	*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 703869*	*2014-01-31*	LINK
3	*Method of coating material surfaces with nanoparticles*	*Marcin Fiałkowski, Robert Hołyst, Ewelina Kalwarczyk, Tomasz Kalwarczyk, Maciej Paszewski, Katarzyna Winkler*	*Poland*	*PL 217816*	*2014-01-27*	LINK
2	*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 703245*	*2014-01-15*	LINK
1	*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 703728*	*2014-01-15*	LINK
2013						
23	*Method for bonding polycarbonate panels preserving their surface micro-structure*	*Dominika Ogończyk, Judyta Węgrzyn, Paweł Jankowski, Piotr Garstecki*	*Switzerland*	*CH 702369*	*2013-12-31*	LINK
22	*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*	*PL 217424*	*2013-12-19*	LINK

21	*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*	*PL 217425*	*2013-12-18*	LINK
20	*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 703612*	*2013-12-13*	LINK
19	*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 703842*	*2013-12-13*	LINK
18	*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 705019*	*2013-12-13*	LINK
17	*Method of splitting droplets on demand at a microfluidic junction*	*Sławomir Jakieła, Tomasz Kamiński, Krzysztof Churski, Piotr Garstecki*	*Switzerland*	*CH 705287*	*2013-12-13*	LINK
16	*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*	*2013-11-26*	LINK
15	*Method for bonding polycarbonate panels preserving their surface micro-structure*	*Dominika Ogończyk, Judyta Węgrzyn, Paweł Jankowski, Piotr Garstecki*	*Poland*	*PL 217098*	*2013-11-14*	LINK
14	*Method to prepare carbon nanotubes incorporated cellulose nanocomposite and carbon nanotubes incorporated cellulose nanocomposite*	*Jacek Gregorowicz, Robert Hołyst, Anna Kelm, Beata Kusiak*	*Poland*	*PL 217280*	*2013-11-14*	LINK
13	*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*	*PL 217032*	*2013-11-05*	LINK
12	*Multilayer electrode for the determination of dopamine and its application*	*Anna Celebańska, Marcin Opałło, Adam Leśniewski, Dorota Tomaszewska*	*Poland*	*PL 216936*	*2013-10-15*	LINK
11	*Method of generation of capsules with hydrofilic core and polymeric shell*	*Piotr Garstecki, Marcin Izydorzak*	*Poland*	*PL 216932*	*2013-10-09*	LINK
10	*Valve for closing the flow of fluid*	*Krzysztof Churski, Piotr Garstecki*	*Poland*	*PL 216402*	*2013-09-19*	LINK

9	*Method for increasing the solubility of acyclovir derivatives*	*Paweł Gierycz, Malgorzata Koźbiał, Wojciech Zielenkiewicz, Bożenna Golankiewicz*	*Poland*	*PL 216571*	*2013-09-18*	LINK
8	*Method of splitting droplets on demand at a microfluidic junction*	*Sławomir Jakieła, Tomasz Kamiński, Piotr Garstecki*	*Switzerland*	*CH 705288*	*2013-09-13*	LINK
7	*Substrate for surface enhanced raman scattering studies*	*Igor Dzięcielewski, Robert Hołyst, Agnieszka Kamińska, Sylwester Porowski, Tadeusz Suski, Jan Weyher*	*United States*	*US 8,531,660*	*2013-09-10*	LINK
6	*Method for modification of carbon nanotubes, especially polyhedral*	*Leszek Stobiński, Piotr Tomasik, Karen Khachatryan, Gohar Khachatryan, Oskar Michalski*	*Poland*	*PL 216601*	*2013-09-06*	LINK
5	*Method for determination of blood group and system for the same*	*Sylwia Makulska, Sławomir Jakieła, Piotr Garstecki*	*Netherlands*	*NL 2009403*	*2013-08-14*	LINK
4	*Capsules with hydrofilic core and polymeric shell and method of production thereof*	*Piotr Garstecki, Marcin Izydorzak, Jacek Michalski, Dominika Ogończyk*	*Poland*	*PL 216320*	*2013-08-07*	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*	*PL 215550*	*2013-03-21*	LINK
2	*Method for introducing hydrophilic, charged nanoparticles into ordered surfactant phases*	*Ewelina Kalwarczyk, Marcin Fiałkowski, Robert Hołyst, Maciej Paszewski, Xia Xin*	*Poland*	*PL 214999*	*2013-03-15*	LINK
1	*Method for obtaining monodisperse pectin microgels using micro-flow system*	*Dominika Ogończyk, Piotr Garstecki, Marta Siek*	*Poland*	*PL 215011*	*2013-03-14*	LINK
2012						
6	*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*	*PL 213900*	*2012-11-26*	LINK
5	*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*	*PL 213686*	*2012-09-26*	LINK

4	*Preparation assigned for limitation of the number of insects, especially Lymantria and the method of limitation of the number of insects, especially Lymantria type*	*Marek Cieślak, Maria Turos-Biernacka, Andrzej Kolk, Lidia Sukovata*	*Poland*	*PL 213148*	*2012-07-25*	LINK
3	*Method of detection and measurement of influence between a macro molecule A and a small particle B*	*Anna Bielejewska, Andrzej Bylina*	*Poland*	*PL 213039*	*2012-07-04*	LINK
2	*Process for the preparation of nanomolecular, monodisperse calcium carbonate*	*Karolina Kędra-Królik, Paweł Gierycz*	*Poland*	*PL 212968*	*2012-06-20*	LINK
1	*Method of activation of titanium surface under control of electrode potential*	*Andrzej Sadkowski, Magdalena Warczak*	*Poland*	*PL 211775*	*2012-01-16*	LINK
2011						
6	*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*	*PL 211606*	*2011-12-28*	LINK
5	*The way of obtaining of monodispersed calcium carbonate covered by fatty acids*	*Karolina Kędra-Królik, Paweł Gierycz, Malgorzata Wszelaka-Rylik*	*Poland*	*PL 211605*	*2011-12-28*	LINK
4	*Method of preparation of ordered surfactant phases containig carbon nanotubes*	*Stefan Wieczorek, Robert Hołyst, Xia Xin, Hongguang Li*	*Poland*	*PL 211529*	*2011-12-07*	LINK
3	*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*	*PL 210357*	*2011-07-21*	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*	*PL 209950*	*2011-06-09*	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*	*PL 208800*	*2011-01-17*	LINK