

List of published patents and patent applications of Prof. Dr. Ulrich Schwaneberg (April 2017):

Publication date of WO application in brackets (It's not the priority date or assignment date).

21. WO2016134806 A1 / Plant Protection and/or Plant Growth Promotion System (2016) / Inventors: Conrath, Uwe; Jakob, Felix; Pich, Andrij; Rübsam, Kristin; Schwaneberg, Ulrich; Sözer, Nursen
20. WO2015044206 A1 / Stabilized Inhibitor Protease Variants (2016) / Inventors: Hellmuth, Hendrik; Laufs, Brian; Aydemir, Ayhan; Weber, Thomas; O'Connell, Timothy; Jakob, Felix; Martinez, Ronny Ernesto; Schwaneberg, Ulrich; Bezdek, Siegfried Andreas
19. WO2014114810 A1 / Novel glucose oxidases derived from aspergillus niger (2014) / Inventors: Bocola, Marco; Duefel, Hartmut; Gutierrez, Erik Uwe; Heindl, Dieter; Meier, Thomas; Mundhada, Hemanshu; Schwaneberg, Ulrich; Tacke, Michael
18. WO2013160365 A1 / Stereoselective hydroxylation of benzenes (2013) / Inventors: Schürmann, Martin; Bonrath, Werner; Dennig, Alexander; Marienhagen, Jan; Schwaneberg, Ulrich; Ruff, Anna Joelle
17. WO2013072486 A1 / Mutants of Hydantoinase (2013) / Inventors: Osswald, Steffen; Schuster, Heiko; Roos, Jürgen; Karau, Andreas; Schwaneberg, Ulrich; Martinez, Ronny; Mundhada, Hemanshu; Holter, Ursula
16. WO2013037609 A3 / Method for adapting a hydrolytic enzyme to a component that stabilizes the hydrolytic enzyme (2013) / Inventors: Siegert, Petra; Evers, Stefan, Merkel, Marion; Mußmann, Nina; Hellmuth, Hendrik; O'Connell, Timothy; Maurer, Karl-Heinz; Schwaneberg, Ulrich; Jakob, Felix; Martinez, Ronny; Laufs, Brian; Aydemir, Ayhan; Weber, Thomas
15. WO2012152691 A1 / Methods and materials for nucleic acid manipulation (2012) / Inventors: Häfner, Stefan; Schwaneberg, Ulrich; Marienhagen, Jan; Dennig, Alexander; Shivange, Amol V.
14. WO2012017008 A1 / A novel glucose oxidase (2012) / Inventors: Schwaneberg, Ulrich; Prodanovic, Radivoje; Ostafe, Raluca; Niehaus, Frank; Eck, Jürgen
13. WO2012028709 A3 / Novel monooxygenase variants (2012) / Inventors: Blanusa, Milan; Eck, Jürgen; Niehaus, Frank; Schwaneberg, Ulrich
12. WO2011110625 A1 / Performance-enhanced protease variants (2011) / Inventors: Wieland, Susanne; Siegert, Petra; O'Connell, Timothy; Maurer, Karl-Heinz; Martinez, Ronny; Schwaneberg, Ulrich; Hellmuth, Hendrik
11. WO2011029696 A1 / Directed evolution of Arginine Deiminase for increased activity at physiological PH (2011) / Inventors: Schwaneberg, Ulrich; Zhu, Leilei
10. WO2010070086 A3 / Method For The Enzymatic Reaction Of Alkanes (2010) / Inventors: Gröger, Harald; Burda, Edyta; Schwaneberg, Ulrich; Marienhagen, Jan; Drauz, Karlheinz

9. WO2009013115 A3 / Vesicles Comprising A Transmembrane Transport Trigger System (2009) / Inventors: Schwaneberg, Ulrich; Onaca, Ozana; Sarkar, Prasenjit; Friedrich, Thomas; Hauer, Bernhard
8. WO2008000738 A1 / Proteins with esterase activity (2008) / Inventors: Breuer, Michael; Hauer, Bernhard; Schwaneberg, Ulrich; Wong, Tuck Seng
7. WO2005073402 A1 / Vesicle used to separate substances from liquid media (2005) / Inventors: Meier, W.; Schwaneberg, U.; Winterhalter, M.
6. WO2005035757 A1 / A process for sequence saturation mutagenesis (sesam) (2005) / Inventor: Schwaneberg, Ulrich
5. WO2003008563 A9 / Improved Cytochrome P450 Oxygenases (2003) / Inventors: Fainas, Edgardo T.; Glieder, Anton; Arnold, Frances H.; Schwaneberg, Ulrich
4. WO2001077368 A1 / Screening Method For The Discovery And Directed Evolution Of Oxygenase Enzymes (2001) / Inventors: Arnold, Frances H.; Joern, John; Sakamoto, Takeshi; Schwaneberg, Ulrich
3. WO2001007574 A2 / Modified Cytochrome P450 Monooxygenases (2001) / Inventors: Hauer, Bernhard; Pleiss, Juergen; Schwaneberg, Ulrich; Schmitt, Jutta; Fischer, Markus; Schmid, Rolf D.; Li, Quing-Shan
2. WO2001007573 A8 / Electron donor system for enzymes and its use for the biochemical conversion of substrates (2001) / Inventors: Hauer, Bernhard; Schmid, Rolf D.; Schwaneberg, Ulrich
1. WO2001007630 A1 / Novel cytochrome p450 monooxygenases and their use for oxidizing organic compounds (2001) / Inventors: Hauer, Bernhard; Pleiss, Juergen; Schwaneberg, Ulrich; Schmitt, Jutta; Fischer, Markus; Schmid, Rolf D.; Li, Quing-Shan; Lutz-Wahl, Sabine; Appel, Daniel