

1. C. Aibéo, E.Egel, S. Simon, A. Patelli, M. Favaro, F. De Voeght, P. Storme, Z. Kamenarov, R. Notthoff, V.Kamenova, P. Scopece; **Development of a portable plasma torch for cleaning multi surfaces and coating deposition**; Proceedings of EWCHP, European workshop for cultural heritage and preservation (2012).
2. De Voeght Frank; **De veelzijdigheid van UV-curing technologie**; VOM info (2011); 05; 26-28.
3. Deroover Geert; **UV-curing technologie biedt speelruimte voor coatingindustrie**; VOM info (2011); 01; 7-9.
4. Denis L., Snyders Rony, Thiry Damien, Cossement Damien, Gerbaux Pascal, Brusciotti Fabiola, Van De Keere Isabel, Goossens Veerle, Terryn Herman, Hecq Michel **Towards the understanding of plasma polymer film behaviour in ethanol: A multi-technique investigation** Progress in Organic Coatings (2011), vol.70, pp.134 – 141
5. Godinho V., Jimenez de Haro M., Garcia-Lopez J., Goossens Veerle, Terryn Herman, Delplancke M.P., Fernandez A. **SiOxNy thin films with tailored refraction index: microstructural, chemical and mechanical properties** Applied Surface Science (2010), vol.256, pp.04548 – 4553.
6. De Voeght Frank; **Energiebesparing door middel van UV-curing technologie**; VOM info(2010); 08; 25-26.
7. Goossens Veerle, Stijn Erik, Van Gils Sake, Finsy Robert, Terryn Herman; **Modelling the colour of a coated rough steel surface** MICRO- AND NANOMETROLOGY III Book Series:, vol.7718 (2010)
8. W. L. Noorduyn, P. van der Asdonk, A. A. C. Bode, H. Meekes, W. J. P. van Enckevort, E. Vlieg, B. Kaptein, M. W. van der Meijden, R. M. Kellogg and G. Deroover; **Scaling Up Attrition-Enhanced Deracemization by Use of an Industrial Bead Mill in a Route to Clopidogrel (Plavix)**, Organic Process Research & Development **2010**, *14*, 908–911.
9. Loccufier Johan, Claes Roland, Van Luppen Jaymes; PCT Int. Appl. (2010), WO 2010029017 A1 20100318.
10. Loccufier Johan, Claes Roland, Van Luppen Jaymes; **Radiation curable compositions** ; PCT Int. Appl. (2010), WO 2010029016 A1 20100318.
11. Loccufier Johan, Claes Roland, Van Luppen Jaymes; **Radiation curable compositions**; Eur. Pat. Appl. (2010), EP 2161290 A1 20100310.
12. Loccufier Johan, Claes Roland, Van Luppen Jaymes; **Polymerizable photoinitiators and radiation curable compositions** ; Eur. Pat. Appl. (2010), EP 2161264 A1 20100310.
13. Goossens V., Gotzen N., Stijns E., Van Assche G., Finsy R., Terryn H. **Predicting reflection of thin coatings Surface and Coatings Technology**, 204, 551–557 (2009)
14. Goossens V., Stijns E., Van Gils S., Finsy R., Terryn H. **Measuring and modeling the appearance of coated steel surfaces** Proceedings of the SPIE - The International Society for Optical Engineering : Modeling Aspects in Optical Metrology II, 7390, M1-M10 (2009)
15. Panina N. ,Meekes H., van Enckevort W.J.P, Deroover G. Vlieg E.; **Analysis on growth spirals on**

- vapor-grown metal-free  $\beta$ -phthalocyanine crystals**; Crystal Growth & Design (2009) 9(5) 2409-2414.
16. Panina N., van de Ven R., Janssen F. F. B. J., Meekes H., Vlieg E., Deroover G.; **Study of the needle-like morphologies of two  $\beta$ -phthalocyanines**; Crystal Growth & Design (2009) 9(2) 840-847.
  17. Claes Roland; **Radiation-curable inkjet printing method and ink**; PCT Int. Appl. (2009), WO 2009053283 A1 20090430.
  18. Loccufier Johan, Claes Roland; **Free-radical curable liquids and inks for toys and food packaging applications**; PCT Int. Appl. (2009), WO 2009053348 A1 20090430.
  19. Claes Roland, Loccufier Johan; **Free radical-curable liquids and inks for toys and food packaging applications**; PCT Int. Appl. (2009), WO 2009053305 A1 20090430.
  20. Claes Roland, Loccufier Johan; **Free radical curable liquids and inks for toys and food packaging applications**; Eur. Pat. Appl. (2009), EP 2053103 A1 20090429.
  21. Claes Roland ; **Radiation-curable inkjet printing method and ink**; Eur. Pat. Appl. (2009), EP 2053100 A1 20090429.
  22. Loccufier Johan, Claes Roland; **Free-radical curable liquids and inks for toys and food packaging applications**; Eur. Pat. Appl. (2009), EP 2053101 A1 20090429.
  23. Loccufier Johan, Claes Roland; **Radiation-curable inkjet printing compositions for use on food packaging materials** ; PCT Int. Appl. (2009), WO 2009030658 A1 20090312.
  24. Loccufier Johan, Claes Roland; **Radiation-curable inkjet printing compositions for use on food packaging materials** ; Eur. Pat. Appl. (2009), EP 2033949 A1 20090311.
  25. Vanmaele Luc, Daems Eddie, De Voeght Frank, Van Thillo Etienne; **3D ink jet printing method and ink jet sets**; PCT Int. Appl. (2008), WO 2008077850 A2 20080703.
  26. Loccufier Johan, Claes Roland, Van Luppen Jaymes; **Radiation-curable compositions containing photoinitiator and co-initiator with low yellowing and good adhesion to plastics** ; PCT Int. Appl. (2008), WO 2008074758 A1 20080626.
  27. Loccufier Johan, Claes Roland; **Radiation-curable compositions containing photoinitiator and co-initiator with low yellowing and good adhesion to plastics**; PCT Int. Appl. (2008), WO 2008074759 A1 20080626.
  28. De Voeght Frank, Van Thillo Etienne; **Ink jet printing methods and ink jet ink sets**; PCT Int. Appl. (2008), WO 2008074589 A1 20080626.
  29. De Voeght Frank, Van Thillo Etienne; **Inkjet printing methods and inkjet ink sets**; Eur. Pat. Appl. (2008), EP 1935659 A1 20080625.
  30. Van Thillo Etienne, De Voeght Frank; **Inkjet printing methods and ink sets**; Eur. Pat. Appl. (2008), EP 1935652 A1 20080625.
  31. Van Thillo Etienne, De Voeght Frank, Verdonck Emiel; **White inkjet ink improved for dispersion stability**; PCT Int. Appl. (2008), WO 2008074548 A1 20080626.
  32. Van Thillo Etienne, De Voeght Frank; **Inkjet printing methods and ink sets**; PCT Int. Appl. (2008), WO 2008074588 A1 20080626.

33. Loccufier Johan, Claes Roland; **Preparation of substituted 4-aminobenzoates as co-initiators for use in radiation curable compositions** ; PCT Int. Appl. (2008), WO 2008061954 A1 20080529.
34. Loccufier Johan, Claes Roland; **Radiation-curable compositions containing coinitiator** ; PCT Int. Appl. (2008), WO 2008061957 A1 20080529.
35. Loccufier Johan, Claes Roland; **Preparation of substituted 4-aminobenzoates as co-initiators for use in radiation curable compositions**; Eur. Pat. Appl. (2008), EP 1925609 A1 20080528.
36. Panina N. ,van de Ven R., Verwer P., Meekes H., Vlieg E., Deroover G.; **Polymorph prediction of organic pigments**; Dyes and Pigments (2008) 79(2) 183-192.
37. Claes Roland, Deroover Geert, **Preparing radiation-curable pigment ink-jet ink sets and color inks**; PCT Int. Appl. (2008); 59pp.; WO 2008043692 A1; 20080417.
38. Hoogmartens Ivan, Bernaerts Katrien, Deroover Geert; **Non-aqueous pigmented ink-jet inks**; PCT Int. Appl. (2008); 62pp.; WO 2008043696 A1; 20080417.
39. Deroover Geert, Bernaerts Katrien, Hoogmartens Ivan; **Non-aqueous pigmented ink jet inks**; PCT Int. Appl. (2008); 59pp.; WO 2008043681 A1; 20080417.
40. Bernaerts Katrien, Hoogmartens Ivan, Deroover Geert; **Nonaqueous inkjet inks containing polymeric dispersants**; PCT Int. Appl. (2008); 60pp.;WO 2008043677 A1; 20080417.
41. Deroover Geert, Gillier Jan; **Coloring compositions containing hydrolyzed yellow pigments for dispersion in nonaqueous systems**; PCT Int. Appl. (2008); 71pp.; WO 2008034472 A1; 20080327.
42. Goossens Veerle, Van Gils Sake, Finsy Robert, Terryn Herman **The colour of oxidized steel substrates covered with polymer layers** New Research on Thin Solid Films (2007), pp.249 - 274, eds. Maria G. Benjamin, published by Nova Publishers, New York
43. Goossens V., Stijns E., Gotzen N., Van Gils S., Terryn H., **Modeling reflection on coated steel surfaces** Proceedings of the SPIE - The International Society for Optical Engineering : Optical Micro- and Nanometrology in Microsystems Technology II , 6995, V-1 - V-9 (2008)
44. Truijen Ine, Haeldermans I., Van Bael M.K., Van Den Rul H., D'haen J., Mullens Jules, Terryn Herman, Goossens Veerle **Influence of synthesis parameters on morphology and phase composition of porous titania layers prepared via water based chemical solution deposition** Journal of the European Ceramic Society (2007), vol.27, n. 16, pp.4537 – 4546
45. Wielant Jan, Goossens Veerle, Hausbrand R., Terryn H. **Electronic Properties of thermally formed thin iron oxide films** Electrochimica Acta (2007), vol.52, pp.7617 - 7627,
46. Deroover Geert, Point Nicolas; **Dispersion synergist-containing non-aqueous pigment dispersions for ink-jet inks**; PCT Int. Appl. (2007); 78pp.; WO 2007060264 A2; 20070531.
47. Deroover Geert; **Non-aqueous diketopyrrolopyrrole pigment dispersions containing dispersion synergists**; PCT Int. Appl. (2007); 63pp.; WO 2007060266 A2; 20070531.
48. Deroover Geert; **Diketopyrrolopyrrole compounds and non-aqueous pigment dispersions for ink-jet inks**; PCT Int. Appl. (2007); 64pp.; WO 2007060257 A2; 20070531.
49. Deroover Geert; **Non-aqueous quinacridone dispersions containing dispersion synergists**; PCT Int. Appl. (2007); 59pp.; WO 2007060262 A2 ;20070531.
50. Deroover Geert; **Non-aqueous dispersions of naphthol as pigments**; PCT Int. Appl. (2007); 56pp.; WO 2007060255 A2; 20070531.
51. Deroover Geert, Point Nicolas; **Dispersion synergist-containing non-aqueous pigment dispersions for ink-jet inks**; PCT Int. Appl. (2007); 91pp.; WO 2007060263 A2; 20070531.

52. Deroover Geert; **Naphthol AS colorants and non-aqueous pigment dispersions for ink-jet inks**; PCT Int. Appl. (2007); 52pp.; WO 2007060261 A2; 20070531.
53. Deroover Geert, **Non-aqueous pigment dispersions using dispersion synergists**; PCT Int. Appl. (2007); 57pp.; WO 2007060259 A2; 20070531.
54. Deroover Geert, Point Nicolas; **Non-aqueous quinacridone dispersions containing dispersion synergists**; PCT Int. Appl. (2007); 63pp.; WO 2007060265 A2; 20070531.
55. Deroover Geert; **Quinacridone derivatives for pigment dispersions with good stability**; PCT Int. Appl. (2007); 67pp.; WO 2007060254 A2; 20070531.
56. Deroover Geert, **Non-aqueous inkjet inks of quinacridone pigments**; PCT Int. Appl. (2007); 51pp.; WO 2007060258 A2; 20070531.
57. Deroover Geert, Loccufier Johan, Groenendaal Lambertus, Jaunky Wojciech; **Pigment dispersions with polymeric dispersants having pending chromophore groups**; PCT Int. Appl. (2007); 65pp.; WO 2007006634 A2; 20070118.
58. Deroover Geert, Jaunky Wojciech, Groenendaal Lambertus, Loccufier Johan, **Phenylazo-acetoacetanilide derivatives with a polymerizable functional group and related compounds as monomers for preparing polymeric pigment dispersants for inkjet inks**; PCT Int. Appl. (2007); 54pp.; WO 2007006682 A1; 20070118.
59. Loccufier Johan, Jaunky Wojciech, Deroover Geert, Groenendaal Lambertus; **Pigment dispersions with polymeric dispersants having pending chromophore groups**; PCT Int. Appl. (2007); 69pp.; WO 2007006639 A2; 20070118.
60. Jaunky Wojciech, Deroover Geert, Loccufier Johan, Groenendaal Lambertus; **Pigment dispersions with polymeric dispersants having pending chromophore groups and ink-jet inks therewith**; PCT Int. Appl. (2007); 56pp.; WO 2007006637 A2; 20070118.
61. Jaunky Wojciech, Deroover Geert, Loccufier Johan, Groenendaal Lambertus; **Pigment dispersions with polymeric dispersants having pending chromophore groups**; PCT Int. Appl. (2007); 74pp.; WO 2007006636 A2; 20070118.
62. Jaunky Wojciech, Deroover Geert, Loccufier Johan, Groenendaal Lambertus; **Pigment dispersions with polymeric dispersants having pending chromophore groups and ink-jet inks therewith**; PCT Int. Appl. (2007); 64pp.; WO 2007006635 A2; 20070118.
63. Loccufier Johan, Deroover Geert, Jaunky Wojciech, Groenendaal Lambertus; **Pigment dispersions with polymeric dispersants having pending chromophore groups and ink-jet inks therewith**; PCT Int. Appl. (2007); 36pp.; WO 2007006638 A2; 20070118.
64. Panina N., Leusen F. J. J., Janssen F. F. B. J., Verwer P., Meekes H., Vlieg E., Deroover G.; **Crystal structure prediction of organic pigments: quinacridone as an example**; Journal of Applied Crystallography (2007); 40(1); 105-114.
65. Goossens Veerle, Wielant Jan, Van Gils Sake, Finsy Robert, Terryn Herman **Optical properties of thin iron oxide films on steel** Surface and interface analysis (2006), vol.38, pp.489 - 493,
66. Wielant J. Goossens V., Van Gils S., Hausbrand R., Terryn H., **Study of organic coatings on steel surfaces**, Eurocorr, , - (2006)
67. Groenendaal Lambertus, Deroover Geert; **Pigmented ink-jet inks with long-chain aliphatic acrylate-containing dispersants**; PCT Int. Appl. (2006); 23pp.; WO 2006111462 A2; 20061026.
68. Louwet Frank, Deroover Geert, Groenendaal Bert, Hartenstein Markus, Storsberg Joachim; **Stable pigment dispersions comprising a block copolymer consisting of ionic aromatic monomers**; PCT Int. Appl. (2006); 39pp.; WO 2006082159 A1; 20060810.

69. Louwet Frank, Deroover Geert, Groenendaal Bert, Hartenstein Markus, Storsberg Joachim; **Stable pigment dispersions comprising a block copolymer consisting of ionic aromatic monomers**; PCT Int. Appl. (2006); 40pp.; WO 2006082158 A1; 20060810
70. Groenendaal Bert, Deroover Geert; **A pigment dispersion comprising a copolymer comprising an aromatic monomer having a carboxylic group**; PCT Int. Appl. (2006); 42pp.; WO 2006082160 A1; 20060810.
71. Deroover Geert, De Voeght Frank, Gilleir Jan; **Ink-jet sets containing polymeric dispersants**; Eur. Pat. Appl. (2006), EP 1674538 A1 20060628.
72. Aret E., Meekes H., Vlieg E., Deroover G.; **Polymorphic behavior of a yellow isoxazolone dye**; Dyes and Pigments (2006); Volume Date 2007; 72(3); 339-344.
73. Claes Roland, Janssens Robert; **Printing of radiation curable inks into a radiation curable liquid layer**; Eur. Pat. Appl. (2006), EP 1652686 A1 20060503.
74. Loccufer Johan, Vanmaele Luc, Claes Roland, Van Luppen Jaymes; **Radiation curable dendritic polymer compositions**; U.S. Pat. Appl. Publ. (2006), US 2006014852 A1 20060119.
75. Aret E., Volotchayev V., Verhaegen S., Meekes H., Vlieg E., Deroover G., van Roost C; **Morphology and Surface Structure of Silver Carboxylates**; Crystal Growth & Design (2006); 6(4); 1027-1032.
76. Goossens Veerle, Van Gils Sake, De Strycker J., Finsy R., Terryn H. **Spectroscopic ellipsometric characterization of an aqueous polyacrylic dispersion on steel** Thin Solid Films 493 (2005) 35 -40
77. Goossens Veerle, Wielant Jan, Van Gils Sake, Terryn Herman, Finsy Robert **Study of the interaction of hydrolysed silane solutions with pretreated aluminium substrates** Abstract ECASIA 2005, 11th European Conference on Application of Surface and Interface Analysis, Vienna, Wien, 25-30/09/2005, ADH-01
78. Goossens Veerle, Wielant Jan, Van Gils Sake, Terryn Herman, Finsy Robert **Optical properties of thin iron oxide films on steel** Abstract ECASIA 2005, 11th European Conference on Application of Surface and Interface Analysis, Vienna, Wien, 25-30/09/2005, ABS1056
79. Goossens Veerle, Van Schaftinghen Thomas, Blajiev Orlin, Van Gils Sake, Van Den Brand J., Hubin A., Terryn H. **In situ and ex situ optical reflection study of thin organic layers formed on metal oxides** Abstract ECASIA 2005, 11th European Conference on Application of Surface and Interface Analysis, Vienna, Wien, 25-30/09/2005, TFI-07
80. De Voeght Frank, Mahy Marc, Deroover Geert, Claes Roland; **Multi-density ink-jet ink set for ink-jet printing**; Eur. Pat. Appl. (2005), EP 1593719 A1 20051109.
81. Claes Roland, Deroover Geert, De Voeght Frank; **Radiation-curable ink-jet printing**; Eur. Pat. Appl. (2005), EP 1593718 A1 20051109.
82. Desie Guido, Vanmaele Luc, Deroover Geert; **Method to improve the quality of dispersion formulations**; U.S. Pat. Appl. Publ. (2005); 21 pp.; US 2005235740 A1; 20051027.
83. Desie G., Deroover G., De Voeght F., Claes R.; **Fundamental mechanism in ink media interactions for aqueous, UV-curing and solvent based inks**; IS&T's NIP20: International Conference on Digital Printing Technologies, Final Program and Proceedings, Salt Lake City, UT, United States, Oct. 31-Nov. 5, 2004 (2004), 774-779.
84. Deij M. A., Aret E., Boerrigter S. X. M., Van Meervelt L., Deroover G., Meekes H., Vlieg E; **Experimental and computational growth morphology of two polymorphs of a yellow isoxazolone dye**; Langmuir (2005); 21(9); 3831-3837.

85. De Voeght Frank, Deroover Geert; **UV-absorbing ink composition for ink-jet printing**; Eur. Pat. Appl. (2004), EP 1484368 A1 20041208.
86. Desie G., Deroover G., De Voeght F., Agfa-Gevaert, N. V.; Soucemarianadin, A.; **Printing of dye and pigment-based aqueous inks onto porous substrates**; Journal of Imaging Science and Technology (2004), 48(5), 389-397.
87. Howard I. A., Zutterman F., Deroover G., Lamoen D., Van Alsenoy C; **Approaches to calculation of exciton interaction energies for a molecular dimer**; Journal of Physical Chemistry B (2004); 108(50); 19155-19162.
88. Shklyarevskiy I. O., Christianen P. C. M., Aret E., Meekes H., Vlieg E., Deroover G., Callant P., Van Meervelt L., Maan J. C; **Determination of the molecular arrangement inside cyanine dye aggregates by magnetic orientation**, Journal of Physical Chemistry B (2004); 108(42); 16386-16391.
89. Deroover Geert, Van Damme Marc; **Heat-sensitive lithographic printing plate precursor containing IR absorbing dye with perfluoroalkyl substituent**; U.S. Pat. Appl. Publ. (2004); 17 pp.; US 2004182268 A1; 20040923.
90. Vanmaele Luc, Loccufier Johan, Claes Roland; **Radiation curable ink compositions suitable for ink-jet printing**; U.S. Pat. Appl. Publ. (2004), US 2004163570 A1 20040826.
91. Van Aert Huub, De Voeght Frank, Slabbinck Peter; **Ink-jet recording materials bearing an ink-receiving layer and coating compositions for their manufacture**; Eur. Pat. Appl. (2004), EP 1437230 A1 20040714.
92. Deroover Geert, Van Damme Marc, Vermeersch Joan; **Heat-sensitive lithographic printing plate precursor**; U.S. Pat. Appl. Publ. (2004); 12 pp.; US 2004048195 A1; 20040311.
93. De Voeght Frank, Slabbinck Peter, Van Aert Huub; **Preparation of a flexographic printing plate use of multilayer ink-jet image films as mask**; Eur. Pat. Appl. (2003), EP 1349004 A1 20031001.
94. De Voeght Frank, Slabbinck Peter, Van Aert Huub; **Ink-jet recording multilayer material containing adhesion promoting layer**; Eur. Pat. Appl. (2003), EP 1346840 A1 20030924.
95. Geuens Ingrid, Verberkt Luc, Hoogmartens Ivan, De Voeght Frank, Vanwelkenhuysen Iris; **Thermographic recording material with improved developability**; Eur. Pat. Appl. (2003), EP 1316845 A1 20030604.
96. Els Mannekens, Marco Crisma, Sylvia Van Cauwenberghe and Dirk Tourwé. **Synthesis of 1-(m-hydroxybenzyl)-substituted 1,2,3,4-tetrahydroisoquinoline-3-carboxylic acid derivatives as opioid peptide mimetics – Unexpected amide bond cleavages under mild conditions**. Eur. J. Org. Chem. (17), 2003, 3300-3307.
97. De Voeght Frank, Slabbinck Peter, Van Aert Huub; **Multilayer ink-jet recording material and its use**; Eur. Pat. Appl. (2002), EP 1245400 A1 20021002.
98. Shklyarevskiy I. O., Boamfa M. I., Christianen P. C. M., Touhari F., van Kempen H., Deroover G., Callant P., Maan J. C; **Magnetic field induced alignment of cyanine dye J-aggregates**; Journal of Chemical Physics (2002); 116(19); 8407-8410.
99. Claes Roland, Lingier Stefaan, Van Thillo Etienne; **Photographic recording material** ; Eur. Pat. Appl. (2002), EP 1170631 A1 20020109.
100. Claes Roland, Van Thillo Etienne; **Improved subbed polyester support for imaging elements**; Eur. Pat. Appl. (2002), EP 1170630 A1 20020109.
101. Janssens G., Touhari F., Gerritsen J. W., Van Kempen H., Callant P., Deroover G., Vandenbroucke

- D; **Chemical structure aggregate structure and optical properties of adsorbed dye molecules investigated by scanning tunnelling microscopy**; Chemical Physics Letters (2001); 344(1,2); 1-6.
102. Deroover Geert; **IR-photographic sensitizing dyes**; Eur. Pat. Appl. (2001); 17 pp.; EP 1093015 A1; 20010418.
103. Deroover Geert, Missfeldt Michael, Simon Lydia; **Acylsulfonamido-substituted polymethine fluorescent dyes and their use as fluorescent coloring materials and/or markers for biomolecules**; Ger. Offen. (2001); 68 pp.; DE 19937024 A1; 20010208
104. Els Mannekens, Dirk Tourwé and Marco Crisma. In J. Martinez and J.-A. Fehrentz (Eds.). **Amide bond cleavages under unusual mild conditions in N-pivaloyl-Tic compounds: a mechanistic study**. Peptides 2000 (Proceedings of the 26th European Peptide Symposium), Paris, France 2001, p. 827.
105. Els Mannekens, Dirk Tourwé and William D. Lubell. **Efficient synthesis of 1-benzyloxyphenyl-3-phenylacetones**. Synthesis, (9), 2000, 1214-1216.
106. Deroover Geert, Vermeersch Joan, Van Damme Marc; **Method for making positive working printing plates from a heat mode sensitive image element**, U.S. (1999); 8 pp.; US 6004728 A; 19991221.
107. Van der Eycken Erik, Deroover Geert, Toppet Suzanne M., Hoornaert Georges J; **A versatile stereospecific synthesis of the 1,3-disubstituted benzo[a]quinolizidine framework via 2-arylpyridines**; Tetrahedron Letters (1999); 40(51); 9147-9150.
108. Van Damme Marc, Vermeersch Joan, Deroover Geert; **Method for making lithographic plate from heat-mode imaging element**; Eur. Pat. Appl. (1999); 26 pp.; EP 908307 A2; 19990414.
109. Van Damme Marc, Vermeersch Joan, Deroover Geert; **Method for making lithographic plate from heat-mode imaging element**; Eur. Pat. Appl. (1999); 25 pp.; EP 908306 A2; 19990414.
110. Deroover Geert, Vermeersch Joan, Van Damme Marc; Inventief Pietertje; **Method for making lithographic plate from heat-sensitive imaging element**, Eur. Pat. Appl. (1999); 12 pp.; EP 908305 A1; 19990414.
111. Deroover Geert, Callant Paul, Uytterhoeven Herman; **Photothermographic recording material comprising IR-sensitizing dye**; Eur. Pat. Appl. (1998); 34 pp.; EP 821272 A1; 19980128.
112. Uytterhoeven Herman, Loccufier Johan, Deroover Geert, Callant Paul; **Infrared photothermographic material comprising spectral sensitizer and stilbene derivative supersensitizer**; Eur. Pat. Appl. (1998); 27 pp.; EP 821271 A1; 19980128.
113. Deroover Geert, Uytterhoeven Herman, Callant Paul, Loccufier Johan; **Photothermographic recording material comprising infrared sensitizer**; Eur. Pat. Appl. (1998); 26 pp.; EP 821270 A1; 19980128.
114. Deroover Geert, Hoogmartens Ivan, Strijckers Hans; **Photothermographic recording material comprising sensitizing dye**; Eur. Pat. Appl. (1998); 36 pp.; EP 821266 A1; 19980128.
115. Dirk Tourwé, Els Mannekens, Trang Nguyen Thi Diem, Patricia Verheyden, Hendrika Jaspers, Géza Toth, Antal Péter, I. Kertesz, Gabriella Torok, N.N. Chung and P.W. Schiller. **Side chain methyl substitution in the delta-opioid receptor antagonist TIPP has important effect on the activity profile**. Journal of Medicinal Chemistry, 41 (26), 1998, 5167-5176.
116. Antal Péter, Gabriella Torok, Géza Toth, Dirk Tourwé, Els Mannekens, Wim Van De Nest, J. Sapi and D. W. Armstrong. In S. Bajusz and F. Hudecz (Eds.). **Chiral separation of unusual  $\beta$ -methyl**

- amino acids.** Peptides 1998 (Proceedings of the 25th European Peptide Symposium), Akademiai Kiado, Budapest, Hungary 1999, p. 300.
117. Els Mannekens and Dirk Tourwé. In S. Bajusz and F. Hudecz (Eds.). **Design and synthesis of (1R,3S)-1-(m-hydroxybenzyl)-1,2,3,4-tetrahydro-isoquinoline-3-carboxylic acid as a delta-opioid mimetic.** Peptides 1998 (Proceedings of the 25th European Peptide Symposium), Akademiai Kiado, Budapest, Hungary 1999, p. 682.
  118. De Voeght Frank, Claes Roland, Marckx Michel; **Graphic arts recording film with blue base;** Eur. Pat. Appl. (1997), EP 813110 A1 19971217.
  119. Deroover Geert, Van Thillo Etienne, Hoogmartens Yvan, Strijckers Hans; **Antihalation dye for photothermographic recording material and recording process;** Eur. Pat. Appl. (1997); 20 pp.; EP 810468 A1; 19971203.
  120. Knoop Nele, Deroover Geert, Jidong Zhang, Compennolle Frans, Hoornaert Georges J; **Generation of 3-piperidine(methan)amines and cyclic 3-piperidine-methanamines as potential substance P antagonists;** Tetrahedron (1997); 53(37); 12699-12716.
  121. Kiekens Eric, Van Gils Antonius, Claes Roland; **New class of yellow dyes for use in photographic materials ;**Eur. Pat. Appl. (1997), EP 768569 A1 19970416.
  122. Janssens G., Gerritsen J., Van Kempen H., Callant P., Deroover G., Vandenbroucke D; **Supramolecular organization of spectral sensitizers on atomically flat bromide-modified Ag(111). A combined STM and DRS study;** International Symposium on Silver Halide Imaging: Recent Advances and Future Opportunities in Silver Halide Imaging Final Program and Proceedings of IS&T/SPSTJ's Victoria B. C. Oct. 27-30 1997 (1997); 205-211.
  123. Deroover Geert; **Molecular modeling packet: Hyperchem;** Chemie Magazine (Ghent) (1996); (3); 37-41.
  124. Dirk Tourwé, Géza Toth, Kris Verschueren, Els Mannekens, Trang Nguyen Thi Diem, Patricia Verheyden, Hendrika Jaspers, Antal Péter and Anna Borsodi. **Side chain conformational constraints as a basis for opioid peptidomimetics.** Actualités de Chimie Thérapeutique, 22, 1996, 93-99.
  125. Kiekens Eric, Claes Roland, Dewanckele Jean Marie; **Photographic material with efficiently used non-sensitizing dyes;** Eur. Pat. Appl. (1995), EP 675403 A1 19951004.
  126. Claes Roland, De Voeght Frank; **Photographic material for frequency modulation screening;** Eur. Pat. Appl. (1995), EP 666500 A1 19950809.
  127. Els Mannekens, Dirk Tourwé, Sylvia Vanderstichele, Trang Nguyen Thi Diem, Géza Toth, Antal Péter, N.N. Chung and P.W. Schiller. **Synthesis of the diastereomers of  $\beta$ -Me-Tyr and  $\beta$ -Me-Phe and their effect on the biological properties of the delta opioid receptor antagonist TIPP.** Letters in Peptide Sciences, 2, 1995, 190-192.
  128. Claes Roland, Dewanckele Jean-Marie Odil Seng Florin ; **Stilbene compounds as supersensitizers in infrared sensitive photographic materials;** Eur. Pat. Appl. (1994), EP 609571 A1 19940810.
  129. Kiekens Eric, Callant Paul, Claes Roland; **Nonsensitizing cationic dyes and photographic materials containing them ;** Eur. Pat. Appl. (1994), EP 611807 A1 19940824.



130. Callant Paul, Claes Roland, Goedeweck Rudy, Kiekens Eric, Lemahieu Raymond; **Dyes absorbing light in the extended red and infrared region of the wavelength spectrum** ; Eur. Pat. Appl. (1994), EP 586749 A1 19940316.
131. Van Aken Koen J., Lux Gerrit M., Deroover Geert G., Meerpoel Lieven, Hoornaert Georges J; **The synthesis of 3-functionalized 5-chloro-6-methyl-2H-1,4-oxazin-2-ones and of pyridines from cycloaddition-elimination reactions with substituted acetylenic compounds**; Tetrahedron (1994); 50(17); 5211-24.
132. Timmerman Daniel Maurice, Byl Filip Boudewijn Ernest, De Voeght Frank Gommaar; **A recording material having antistatic properties**; Eur. Pat. Appl. (1991), EP 452568 A1 19911023.
133. Meerpoel Lieven, Deroover Geert, Van Aken Koen, Lux Gerrit, Hoornaert Georges; **Diels-Alder reactions of 6-alkyl-3,5-dichloro-2H-1,4-oxazin-2-ones with alkynes: synthesis of 3,5-disubstituted 2,6-dichloropyridines**; Synthesis (1991); (9); 765-8.
134. Bracke M., De Voeght F., Joos P.; **The kinetics of wetting: the dynamic contact angle**; Progress in Colloid & Polymer Science (1989), 79(Trends Colloid Interface Sci. 3), 142-9.
135. De Voeght F., Joos P.; **Damping of a disturbance on a liquid surface**; Journal of Colloid and Interface Science (1984), 98(1), 20-32.
136. De Voeght F., Joos P.; **Waves at the air/liquid interface of a surfactant solution with a high surface shear viscosity**; Journal of Colloid and Interface Science (1983), 95(1), 142-7.
137. De Voeght F., Joos P.; **Propagation of a disturbance over a surface covered with an insoluble monolayer**; Journal of Colloid and Interface Science (1982), 86(1), 234-8.
138. Andries Christiane, Backhovens Hubert, Clauwaert Julius, De Block Jan, De Voeght Frank, Dhont Christine; **Physical-chemical studies on bovine eye lens proteins. I. Light-scattering and viscosity studies of low-molecular weight  $\alpha$ -crystallin isolated from adult and embryonic bovine lenses**; Experimental Eye Research (1982), 34(2), 239-55
139. Nieuwenhuysen Paul, De Voeght Frank, Clauwaert Julius; **The molecular weight of Artemia ribosomes, as determined from their refractive-index increment and light-scattering intensity**; Biochemical Journal (1981), 197(3), 689-93.
140. De Voeght Frank, Clauwaert Julius; Edited Lamy Jean, Lamy Josette; **Structural characterization biophysical methods of extracellular hemoglobin of Artemia salina**; Invertebr. Oxygen-Binding Proteins: [Proc. Workshop] (1981), 61-7.
141. De Herdt Erik, De Voeght Frank, Clauwaert Julius, Kondo Masatoshi, Slegers Herman; **A cryptobiosis-specific 19S protein complex of Artemia salina gastrulae**; Biochemical Journal (1981), 194(1), 9-17.
142. De Voeght Frank, Clauwaert Julius; Edited Bagshaw Joseph Charles, Warner Alden Howard; **Study of extracellular hemoglobin, from Artemia salina, scattering techniques**; Biochem. Artemia Dev., [Proc. Symp.] (1979), 113-19.
143. De Voeght F., Backhovens H., Clauwaert J.; **Light scattering on solutions of biopolymers: a critical evaluation of the technique**; Archives Internationales de Physiologie et de Biochimie (1979), 87(5), 1027-9.