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Martin Klok

Chemistry

European and Dutch Patent Attorney
Senior Associate



Prior to working at V.O., Martin Klok was active as a research scientist in organic chemical and physical research. His research activities included functional molecular systems such as fuel cells and photo-active compounds for use in molecular nanotechnology, as well as the chemistry of food and health, and modification of brain function using small molecular compounds.

As a patent attorney, Martin primarily focuses on the drafting of applications, arguing patentability, and litigation. He is a member of the V.O. litigation support team, and an active AIPPI member, with activities mainly in the field of pharmaceutical products. His direct experience with research and chemistry, in combination with his understanding of patent law, ensures efficient communication with both inventors, specialists and lawyers. Martin's work is characterized by a thorough insight into the working of an invention, an eye for detail, and swift understanding of technical relevance, as well as by a social attitude. A particular focus of Martin's work as a patent attorney is on functional molecular systems, pharmaceutical products, food and nutraceuticals.

Working experience

- Patent Attorney, V.O. (2011-present)
- Senior scientist, Dutch Food and Consumer Product Safety Authority (2009-2011)
- University of Groningen; University Council (2005 – 2007)
- Grasp, Groningen PhD community; board position (2005 – 2008)
- Research intern, Toshiba RDC, Shin-Kawasaki, Japan (2003)

Education

- PhD in Organic and Physical Chemistry, University of Groningen (2009)
- Japanese language and business culture, Japan Prizewinners Programme, University of Leiden and Japan-Netherlands Institute (2003)
- MSc in Organic Chemistry, University of Groningen (2002)

Directories

- Ranked as 'Notable Practitioner' (IP STARS, 2020).
- "Rising star Martin Klok is 'incredibly dedicated to understanding issues and distilling relevant information'." (IP Stars Handbook MIP, 2017)
- Highlighted as 'exceptional attorney' by IP Stars Handbook MIP, 2016.
- Martin Klok is complimented for his ability to "understand the real detail" of an application. "He is one of those guys who really can dig into the details and has a grasp of a huge volume of information, the sort of person you like to have at the table because when you have a question he's on top of it. It's clear he knows the file better than the attorneys on the other side do." (IP Stars Handbook MIP, 2014).

Publications

- “Verification of the absence of additives on “free of additive” labeled food products”, (Dutch, 2011).
- “Verification of the absence of allergens in “free of allergen” labeled food products”, (Dutch, 2011).
- “Fatty acid composition of traditional and industrial bakery products”, (Dutch, 2010).
- “Ultrafast Light-Driven Nanomotors Based on an Acridane Stator”, *J. Org. Chem.* 2010, 75, 666–679. DOI: 10.1021/jo902207x.
- “Motors for use in molecular nanotechnology” (PhD-thesis, Groningen, 2009).
- “Motors for molecular nanotechnology” (Dutch), *Dutch Physics Magazine* 2009, 75 (10), 16.
- “Kinetic analysis of the rotation rate of light-driven unidirectional molecular motors”, *Phys. Chem. Chem. Phys.*, 2009, 11, 9124-9131. DOI: 10.1039/B906611J.
- “The influence of viscosity on the functioning of molecular motors”, *Faraday Discuss.* 2009, 143, 319-334. DOI: 10.1039/B901841G.
- “Light-driven rotary molecular motors: an ultrafast optical study”, *Phys. Stat. Sol. (C)* 2009, 6 (1), 181–184. DOI: 10.1002/pssc.200879808.
- “New Mechanistic Insight in the Thermal Helix Inversion of Second-Generation Molecular Motors”, *Chem. Eur. J.* 2008, 14, 11183-11193. DOI: 10.1002/chem.200800969.
- “MHz Unidirectional Rotation of Molecular Rotary Motors”, *J. Am. Chem. Soc.* 2008, 130, 10484 – 10484. DOI: 10.1021/ja8037245. Highlighted in *Nature Chem.*, 2008, DOI: 10.1038/nchem.45.
- “Rate Acceleration of Light-Driven Rotary Molecular Motors”, *Adv. Funct. Mater.* 2007, 17, 718–729. DOI: 10.1002/adfm.200601025.

Professional & Community Activities

- AIPPI, Vice Chair of the standing committee on Pharma and Biotechnology
- University Council, University of Groningen (2005-2007)
- Grasp, Groningen PhD community; board position (2005-2008)

Languages

- English
- Dutch
- German
- French