



Contact details:

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Physically based in Hamburg, Germany, but I travel regularly to Oslo and other Norwegian locations.

Education and qualifications

- LLM Intellectual Property Law, Newcastle University, 2016.
- Certificate course, European patent law, CEIPI / Univ. Strasbourg, 2012-2014.
- PhD Mechanical Engineering, Newcastle University, 2008.
- BSc Marine Engineering, Høgskolen i Tromsø, 2003.
- Registered EUR.ING.
- IAM Patent 1000 recommended.

Summary

Freelance IP consultant, providing patent attorney and IP manager for hire services. I work mainly with upstream oil & gas and renewable energy, and also have good technical knowledge within fish farming, maritime/offshore technology, process/power, and general mechanical engineering.

I can support on most technical matters relating to patents, and also have good knowledge of IP due diligence, M&A, and IP terms in contracts. I have extensive experience in handling patent oppositions and appeals before the Norwegian patent office and the board of appeal, and I have served as expert witness and as technical judge in the Norwegian courts.

Work Experience

- 2022→ Freelance intellectual property consultant / sole practitioner.
- 2022-2025: External appointed member (*nemdsmedlem*), Norwegian Board of Appeal for Industrial Property Rights (*Klagenemnda for industrielle rettigheter*).
- 2016-2022: Patent Attorney / Partner (2017) / Senior Partner (2018-2022), Zacco.
- 2014-2016: Head of Intellectual Property, MHWirth.
- 2011-2014: Technology & Intellectual Property Analyst, Aker Solutions.
- 2007-2011: Post-doc researcher, energy systems technology, Newcastle University, UK.
- 1995-2003: Fish farm technician (*matfiskrøkter*). Ca. 2 years full time and 5+ years part time at fish farms now part of Nordlaks Oppdrett and Lerøy Aurora.

Publications

Intellectual Property

- Steinkjer, LE; Mikalsen R. **Grønn offshore-teknologi må gis bedre beskyttelse.** Finansavisen, 25 Nov. 2023.
- Mikalsen, R. **Patenters gyldighet - materielle betingelser i aktuell norsk og europeisk praksis.** Oslo: Karnov Group Norway, 2021.
- Mikalsen, R. **Norsk og europeisk praksis rundt patentlovens krav om tilstrekkelig beskrivelse.** Karnov tidsskrifter ISSN 2703-772X (KAT-2020-2). 2020.
- Mikalsen, R. **Offshore Patent Protection: The Geographical Scope of Coastal State Patents in the Exclusive Economic Zone and above the Continental Shelf.** European Intellectual Property Review, 2017.
- Mikalsen, R. **The scope of the Paris Convention's temporary presence exception from patent infringement for visiting foreign vessels.** Journal of Intellectual Property Law & Practice, 2016.
- Mikalsen, R. **Patent protection on petroleum vessels.** LLM Thesis, 2016.
- Mikalsen, R.; Harlfinger, P.; Roskilly, AP. **Patent protection in the marine industry: international legal framework and strategic options.** *Proc. IMechE Part M: Journal of Engineering for the Maritime Environment*, Vol. 225, pp 232-241, 2011.
- Mikalsen R. **Patent Protection of Software-Based Inventions in the Maritime Industry.** In: 10th Int. Conf. on Computer Applications and IT in the Maritime Industries, May 2011.

Patents / patent applications

- Heat engine, WO 2010/116172.
- Free-piston internal combustion engine, WO 2011/144926.
- Free-piston engine power plant, WO 2017/068374.

Books / contributions to edited works

- Roskilly AP, Mikalsen R. **Marine Systems Identification, Modeling and Control.** Butterworth-Heinemann, 2015.
- Mikalsen R. **Internal combustion engine systems for small- and micro-CHP applications.** In: Small- and micro-combined heat and power (CHP) systems. Advanced design, performance, materials and applications. Woodhead Publishing, 2011.
- Roskilly AP, Wang Y, Mikalsen R, Yu H. **Use of Biofuels in a Range of Engine Configurations.** In: Comprehensive Renewable Energy. Elsevier, 2012

Other research papers

- Various older papers within engine technology, alternative fuels, energy systems and marine engineering; see Google Scholar profile here.