

BARDEHLE PAGENBERG Team

Niels Gierse

Dr., Dipl.-Phys.



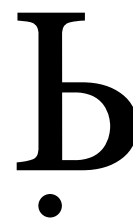
**German and European Patent Attorney, UPC
Representative, Senior Associate**

Location Munich

Languages: German, English

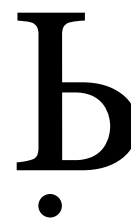
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Dr. Niels Gierse's practice focuses on patent litigation and prosecution across high-tech fields with experience gained from several years of work in contentious matters in an international law firm.

His expertise is rooted in research experience in plasma physics and fusion reactor diagnostics, gained at international institutions before entering the patent profession. His background combines deep scientific knowledge with practical experience in patent law, equipping him to handle complex technical and legal challenges in intellectual property. As a LegalTech and AI evangelist, he is constantly on the lookout for new ways to deal with innovation.



Legal Areas

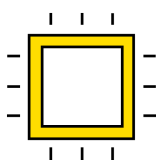
Patent Litigation

Patent Prosecution

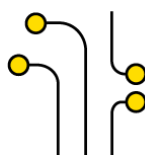
Oppositions and Nullity

Unified Patent Court

Industries



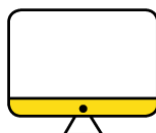
Semiconductor Technology



Electrical Engineering



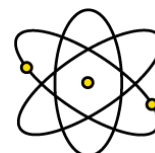
Medical Devices



Software, IT & Computer Technology



Telecommunications



Physics



Automotive



Publications

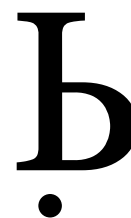
34 publications including 6 first author publications in the field of nuclear fusion and plasma-wall interaction as well as laser-material interactions, 1 patent application



Lectures & Seminars

International presentations on plasma-wall interaction, including school and workshops with the IAEA, several awards for scientific presentations.

Internal presentations on the use of artificial intelligence for patent applications, including presentations in London and Washington, D.C.



Curriculum Vitae

2024 - today	German and European Patent Attorney, UPC Representative at BARDEHLE PAGENBERG, Munich, Germany
2023	Licensed to practice as a Representative before the Unified Patent Court (UPC)
2021	Qualification as a European Patent Attorney
2019 - 2024	German and European Patent Attorney, UPC Representative at Hogan Lovells International LLP, Munich, Germany
2019	Law for patent attorneys at Fernuniversität Hagen, Germany
2017 - 2019	Patent Attorney Trainee at Kraus & Weisert Patentanwälte PartG mbB, Munich, Germany
2014 - 2017	Postdoctoral Researcher at Helmholtz Association of German Research Centres, Forschungszentrum Jülich, Germany
2014	Ph.D. at the University of Cologne, Germany, and the Bonn-Cologne Graduate School of Physics and Astronomy (honors branch)
2010 - 2014	Ph.D. researcher at Research Center Jülich
2010	Diploma in Physics at University of Cologne, Cologne, Germany
2006 - 2007	Visiting student at the Massachusetts Institute of Technology (MIT), Cambridge, USA