

BARDEHLE PAGENBERG Team

Nikolaus W. Buchheim

Dr. rer. nat., MSc ETH Physics



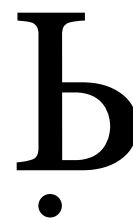
**German and European Patent Attorney, UPC
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Languages: German, English, French

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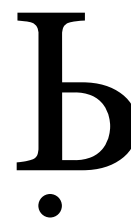
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Dr. Nikolaus Buchheim graduated with distinction from the Swiss Federal Institute of Technology in Zurich and received his PhD degree from the Max-Planck-Institute of Quantum Optics for experimental research carried out on the fundamentals of quantum computers.

Before joining the BARDEHLE PAGENBERG team he worked as an R&D project manager at Siemens AG, developing superconducting propulsion systems.

Being an expert in various fields of technology, Nikolaus' practice focuses on drafting and prosecuting patent applications, patent enforcement and providing expert advice on issues such as freedom-to-operate analyses, license agreements, competitor monitoring and employee inventions.



Legal Areas

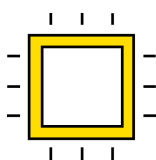
Patent Prosecution

Oppositions and Nullity

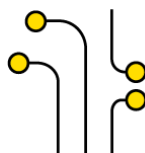
Unitary Patent

Unified Patent Court

Industries



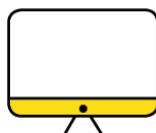
Semiconductor Technology



Electrical Engineering



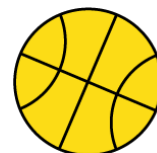
Medical Devices



Software, IT & Computer Technology



Telecommunications



Sports



Physics



Publications

Several scientific publications in the fields of atomic physics, quantum physics and neuroinformatics

<https://journals.aps.org/prabstract/10.1103/PhysRevA.97.013405>

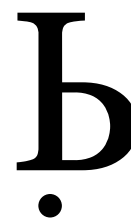
<https://epjquantumtechnology.springeropen.com/articles/10.1140/epjqt/s40507-017-0055-y>

<https://journals.aps.org/prapplied/abstract/10.1103/PhysRevApplied.1.014003>



Qualifications

R&D Project Manager



Curriculum Vitae

2024 - today	Partner of the firm
2021 - today	German and European Patent Attorney at BARDEHLE PAGENBERG, Munich, Germany
2021	Licensed to practice as a German and European Patent Attorney
2017 - today	Patent engineer and trainee patent attorney at BARDEHLE PAGENBERG, Munich, Germany
2016 - 2017	R&D Project Manager, Siemens AG, Corporate Technology, Munich, Germany
2015 - 2016	Postdoctoral Researcher, Max Planck Institute of Quantum Optics (MPQ), Garching, Germany
2010 - 2015	PhD Candidate, Max Planck Institute of Quantum Optics (MPQ), Garching, Germany
2005 - 2010	Bachelor and Master of Science in Physics (with distinction), Swiss Federal Institute of Technology (ETH), Zurich, Switzerland; and École Polytechnique (X), Palaiseau, France