



## **BARDEHLE PAGENBERG Team**

### **Nikolaus W. Buchheim**

**Dr. rer. nat., MSc ETH Physics**



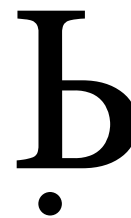
**German and European Patent Attorney, UPC  
Representative, Partner\***

オフィス Munich

言語: German, English, French

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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.

## 法分野

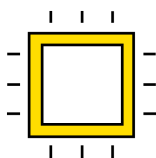
Patent Prosecution

Oppositions and Nullity

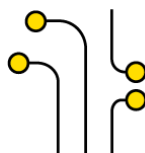
Unitary Patent

Unified Patent Court

## 業界



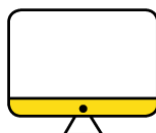
Semiconductor Technology



Electrical Engineering



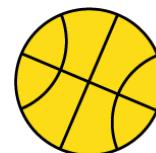
Medical Devices



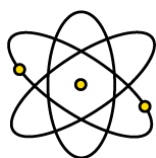
Software, IT & Computer Technology



Telecommunications



Sports



Physics



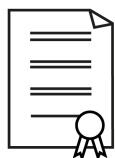
## **Publications**

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

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

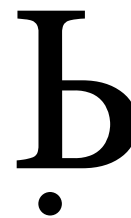
<https://epjquantumtechnology.springeropen.com/articles/10.1140/epjqt/s40507-017-0055-y>

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



## **Qualifications**

R&D Project Manager



## 履歷書

- 2024 - 現在** Partner of the firm
- 2021 - 現在** German and European Patent Attorney at BARDEHLE PAGENBERG, Munich, Germany
- 2021** Licensed to practice as a German and European Patent Attorney
- 2017 - 現在** 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