



PRACTICE AREAS

- Patents
- Industrial Designs

LANGUAGES

- Portuguese
- English

PAULO HERRERA

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BIOGRAPHY

Paulo Herrera joined Licks Attorneys as a Patent Analyst in 2020. Paulo has a PhD in Mechanical Engineering and has worked with technology development and investigative research since 2009, having been involved with research projects in partnership with multinational companies. His main research expertise is in wear, heat treatment, test rig design and project development.

EDUCATION

- PhD in Mechanical Engineering, University of Sheffield – Sheffield (UoS), 2020;
- MSC in Mechanical Sciences, University of Brasília – Brasília (UnB), 2015;
- Mechanical Engineering, University of Brasília – Brasília (UnB), 2014.

PUBLICATIONS

- “An analysis of the quality of experimental design and reliability of results in tribology research”, *Wear*, Volumes 426–427, Part B, Pages 1712-1718, 2019.
- “Wear resistance of the pressure armor submitted to deep cryogenic treatment and plasma nitriding”, *Journal of the Brazilian Society of Mechanical Sciences and Engineering*, v. 40, p. 40:466, 2018.
- “Study of Micro-Abrasive Wear Resistance of Heat Treated NiTi Alloys”, *Advanced Materials Research (Online)*, v. 1120-1121, p. 1069-1077, 2015.
- “Effect of Aging Treatment on Phase Transformation of a Pseudoelastic Niti Alloy”, *Advanced Materials Research*, 2014.