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Mohammad Ahmadi Bidakhvidi

Ingenieurwesen

Europäischer und Niederländischer Patentanwalt
Associate

Mohammad Ahmadi Bidakhvidi arbeitet seit 2014 bei V.O., nachdem er an der Freien Universität Brüssel in Maschinenbau promoviert hatte. Seine wissenschaftliche Forschungsarbeit hatte einen ausgeprägten multidisziplinären Charakter. Seine Expertise im Patentwesen liegt auf dem Gebiet der Mechanik, Physik und Elektronik.

Er hat Kenntnisse und Erfahrungen in den Bereichen Elektromechanik, softwarebezogene Erfindungen, High-Tech-Systeme, Telekommunikation sowie künstliche Intelligenz gesammelt. Er verfügt über umfangreiche Erfahrung in der Ausarbeitung und Bearbeitung von Patentanmeldungen sowie in der Beratung zu Patentierbarkeit und Patentverstößen. Er kombiniert gerne seine technischen und juristischen Kenntnisse, um auf diese Weise Untersuchungsergebnisse in Patentstrategien für kleine und große Unternehmen umzusetzen.

Mohammad Ahmadi Bidakhvidi sieht es als einen wichtigen Teil seiner Arbeit an, seinen Kunden einen Einblick in die Funktionsweise des Patentsystems zu vermitteln, so dass sie auf dieser Grundlage wohlüberlegte Entscheidungen über ihre Geschäfts- oder Forschungsstrategie treffen können.

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Berufserfahrung

- Patentanwalt, V.O. (2018-heute)

Ausbildung

- PhD in Mechanical Engineering, University of Brussels (2014)
- MSc in Mechanical Engineering, University of Brussels (2009)
- MSc in Industrial Electro-Mechanical Engineering, University of Antwerp (2007)

Publikationen

- M.A. Bidakhvidi et al., Experimental study of the flow field induced by a resonating piezoelectric flapping wing, Journal of Experiments in Fluids, Vol.54, issue 11, pp. 1-16, November 2013, doi: 10.1007/s00348-013-1619-y.
- R. Shirzadeh, C. Devriendt, M.A. Bidakhvidi and P. Guillaume, Experimental and computational damping estimation of an offshore wind turbine on a monopile foundation, Journal of Wind Engineering & Industrial Aerodynamics, vol.120, n.10, pp.96-106, 2013, doi:10.1016/2013-07-004.
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- R. Shirzadeh, P. Guillaume, M.A. Bidakhvidi, Experimental study of aerodynamic damping of a piezoelectric fan, in Proceedings of the 15th International Conference on Experimental Mechanics (ICEM15), Porto (Portugal), 2012.
- R. Shirzadeh, C. Devriendt, M.A. Bidakhvidi and P. Guillaume, The dynamics of an Offshore Wind Turbine subjected to wind and wave actions: A comparison between simulations and measurements, in Proceedings of the 11th German wind energy conference (DEWEK 2012), Bremen (Germany), 2012.
- M.A. Bidakhvidi et al., Experimental and computational analysis of the flow induced by a piezoelectric fan, in Proceedings of the 15th International Symposium on Flow Visualization (ISFV15), Minsk (Belarus), 2012.
- M.A. Bidakhvidi et al., Time-resolved PIV of flows induced by piezoelectric flapping wings, in Proceedings of the International Symposium on Particle Image Velocimetry (PIV11), Kobe (Japan), 2011.
- R. Shirzadeh, M. Runacres, P. Guillaume and M.A. Bidakhvidi, An investigation of the lock-in behavior of an oscillating cylinder in transverse flow, in Proceedings of the IUTAM Symposium on Bluff Body Flows (blubof2011), Kanpur (India), 2011.
- M.A. Bidakhvidi, S. Vanlanduit and T. De Troyer, Design and testing of a piezo fan for MAV propulsion, in Proceedings of the International Symposium on Light Weight Unmanned Aerial Vehicle Systems and Subsystems (LW-UAS 2009), Oostende (Belgium), 2009.
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Sprachen

- Englisch
- Niederländisch
- Französisch
- Persisch