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Teun van den Heuvel

Engineering

European and Dutch Patent Attorney
Associate

Teun van den Heuvel studied biomedical engineering at the University of Twente, with a specialization in biomechanics.

For eight years he worked as a scientist at Philips Research, creating innovations for medical technology, including systems for patient monitoring. He led international R&D projects and, as an inventor, was often involved in patent applications. Since 2019, Teun has been working at V.O.

Working experience

- Patent attorney, V.O. (June 2022)
- Trainee patent attorney, V.O. (2019)
- Project leader, Deventer Hospital (2018)
- Scientist and project leader, Philips Research (2010-2018)

Education

- MSc Biomedical Engineering, University of Twente (2010)
- BSc Biomedical Engineering, University of Twente (2008)

Publications

- Aelen, P., Van den Heuvel, T., Bresch, E. et al. Pulse rate measurement module and method. WO2017129495.
- Van den Heuvel, T., Xie, Y., Heinrich, A. et al. Restraint management. WO2016150750.
- Falck, T., Van den Heuvel, T., Van der Heide, E.M. et al. Context detection for medical monitoring. WO2016135069.
- Mühlsteff, J., Bresch, E., Van den Heuvel, T. et al. Apparatus and method for providing a control signal for a blood pressure measurement device. WO2016135043.
- Yang, L., Lambert, N. and Van den Heuvel, T. Patient health state compound score distribution and/or representative compound score based thereon. US10037412B2.
- Goll, R. and Van den Heuvel, T. Method and system for creating safety checklists. US2014316794
- Van den Heuvel, T. An apparatus and method for determining the posture of a user. WO2013136264
- Fokkenrood, S.A.W. and Van den Heuvel, T. Method and apparatus for elevator motion detection. EP2748093B1
- Duric, H., Van de Laar, J. and Van den Heuvel, T. A device for monitoring a user and a method for calibrating the device. EP2747648B1.
- Ten Kate, W.R.T., Duric, H., Van den Heuvel, T. et al. Bed exit monitoring apparatus. EP2741669B1.
- Mühlsteff, J. and Van den Heuvel, T. Fever detection apparatus. US9924879B2.
- Yin, B., Fokkenrood, S.A.W., Duric, H. and Van den Heuvel, T. Monitoring of vital body signals during movement. US9833171B2.

- Van den Heuvel, T. and Duric, H. Automatic orientation calibration for a body-mounted device. EP2598028B1.

Languages

- Dutch
- English
- German (basic)
- French (basic)