Publications Dr N.R.T.P. van Beest

29 May 2026

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6. Su, Z., Polyvyanyy, A., Lipovetzky, N., Sardiña, S., van Beest, N.: Fast and accurate data-driven goal recognition using process mining techniques. Artificial Intelligence **323** (2023) 103973.
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Patents

1. Runtime adaption and repair, WO, WO2025076583A1
   Nick van Beest, Silvano Colombo Tosatto, Hannah Burke — Commonwealth Scientific And Industrial Research Organisation
   Priority: 2023-10-09
   Filed: 2024-10-04
   Published: 2025-04-17

2. Real-time compliance checking, WO, WO2025076582A1
   Nick van Beest, Silvano Colombo Tosatto, Hannah Burke — Commonwealth Scientific And Industrial Research Organisation
   Priority: 2023-10-09
   Filed: 2024-10-04
   Published: 2025-04-17

3. Log data compliance, WO EP US JP AU EP4165525A1
   Nick van Beest, Heerko Groefsema, Adrian Cryer, Guido Governatori — Commonwealth Scientific and Industrial Research Organisation
   Priority: 2020-06-11
   Filed: 2021-06-10
   Published: 2023-04-19

4. Livestock monitoring, WO EP US JP AU, AU2021390923A9, US20240000045A1
   Nick van Beest et al. — Commonwealth Scientific And Industrial Research Organisation
   Priority: 2020-12-01
   Filed: 2021-11-30
   Published: 2024-01-04

5. A monitor for a multi-parameter manufacturing process, WO EP US CN JP AU, AU2023285843A1
   Nick van Beest, Guido Governatori — Commonwealth Scientific And Industrial Research Organisation
   Priority: 2018-09-05
   Filed: 2023-12-21
   Published: 2024-01-18

6. Monitoring a manufacturing process, WO EP US CN JP AU, EP3874432A4, AU2019373402A1
   Guido Governatori, Regis Riveret, Silvano Colombo Tosatto, Nick van Beest — Commonwealth Scientific and Industrial Research Organisation
   Priority: 2018-10-31
   Filed: 2019-10-23
   Published: 2021-01-07

7. Classification of log data, WO EP US AU, US11250043B2
   Nick van Beest, Ingo Weber — National Ict Australia Limited
   Priority: 2016-06-03
   Filed: 2017-06-02
   Granted: 2022-02-15
   Published: 2022-02-15