

Title (en)

SYSTEM AND METHOD FOR IDENTIFYING AND INTERPRETING REPETITIVE MOTIONS

Title (de)

SYSTEM UND VERFAHREN ZUR IDENTIFIKATION UND INTERPRETATION REPETITIVER BEWEGUNGEN

Title (fr)

SYSTÈME ET MÉTHODE D'IDENTIFICATION ET D'INTERPRÉTATION DE MOUVEMENTS RÉPÉTITIFS

Publication

**EP 3042360 A4 20170607 (EN)**

Application

**EP 14841766 A 20140902**

Priority

- US 201361873347 P 20130903
- US 201361873339 P 20130903
- US 2014053703 W 20140902

Abstract (en)

[origin: WO2015034824A1] A motion tracking system monitors the motions performed by a user based on motion data received from one or more sensors. The motion tracking system may include a motion tracking device with one or more sensors, a smart device with one or more sensors and/or a server. As the user interacts with the motion tracking system or smart device the motion data generated by one or more sensors is processed by a software application. The software application generates interpreted data based on the motion data and contextual data such as the equipment being used by the user. Feedback is then provided to the user during and/or after the user has performed a motion or a set of motions. The feedback provided to the user may be visual, audio and/or tactile, for example. The application may be used to monitor a routine in a sporting, fitness, industrial or medical environment.

IPC 8 full level

**G06T 7/20** (2017.01); **A61B 5/11** (2006.01); **G06K 9/00** (2006.01)

CPC (source: EP)

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Citation (search report)

- [X] EP 2455138 A1 20120523 - FRAUNHOFER GES FORSCHUNG [DE]
- [X] US 2011092337 A1 20110421 - SRINIVASAN SOUNDARARAJAN [US], et al
- [X] US 2010234699 A1 20100916 - LANFERMANN GERD [DE], et al
- See references of WO 2015034824A1

Designated contracting state (EPC)

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