

Title (en)

SENSOR-BASED CONTROL OF ACTIVE WEARABLE SYSTEM

Title (de)

SENSORBASIERTE STEUERUNG EINES AKTIVEN WEARABLE-SYSTEMS

Title (fr)

COMMANDE À BASE DE CAPTEURS D'UN SYSTÈME ACTIF PORTABLE

Publication

EP 3463217 A1 20190410 (EN)

Application

EP 17803326 A 20170519

Priority

- US 201615161599 A 20160523
- US 2017033507 W 20170519

Abstract (en)

[origin: WO2017205201A1] An active wearable system includes a one or more positioning elements configured as a torso support and/or other wearable item, one or more sensors for sensing motion, posture, or gait of a subject, and at least one of force applying elements for applying force to selected regions of a body of a subject, and feedback device and other actuators, under the control of control circuitry responsive to sensed motion, posture or gait of the subject. In an aspect, force is applied according to spatial or temporal patterns. Related devices and methods are described.

IPC 8 full level

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CPC (source: EP US)

A61B 5/0036 (2018.07 - EP US); **A61B 5/11** (2013.01 - EP); **A61B 5/1116** (2013.01 - EP); **A61B 5/112** (2013.01 - EP); **A61B 5/6805** (2013.01 - EP); **A61N 1/0484** (2013.01 - EP); **A61N 1/0492** (2013.01 - EP); **A61N 1/08** (2013.01 - EP); **A61N 1/36003** (2013.01 - EP); **A61B 5/0002** (2013.01 - EP); **A61B 5/01** (2013.01 - EP); **A61B 5/1112** (2013.01 - EP); **A61B 5/1118** (2013.01 - EP); **A61B 5/1128** (2013.01 - EP); **A61B 2503/08** (2013.01 - EP); **A61B 2505/07** (2013.01 - EP); **A61B 2505/09** (2013.01 - EP); **A61B 2562/0219** (2013.01 - EP); **A61F 5/028** (2013.01 - EP)

Citation (search report)

See references of WO 2017205201A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

WO 2017205201 A1 20171130; CN 109152651 A 20190104; EP 3463217 A1 20190410; JP 2019518618 A 20190704

DOCDB simple family (application)

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