

Title (en)
SENSOR DEVICE AND SYSTEM FOR FITNESS EQUIPMENT

Title (de)
SENSORVORRICHTUNG UND SYSTEM FÜR FITNESSVORRICHTUNGEN

Title (fr)
DISPOSITIF ET SYSTÈME DE CAPTEUR POUR ÉQUIPEMENT DE CONDITIONNEMENT PHYSIQUE

Publication
EP 2753242 A2 20140716 (EN)

Application
EP 12830145 A 20120910

Priority
• US 201161532464 P 20110908
• IB 2012002552 W 20120910

Abstract (en)
[origin: WO2013034987A2] Embodiments of the present disclosure provide a sensor devices and corresponding systems for various fitness equipments to determine information corresponding to one or more activities of a user utilizing the equipments. The information may include speed, pressure, stride, and one or more other activities of the user. In an embodiment, the information may be measured when the sensor device is in constant contact with a fitness equipment (treadmill) but is not fastened to the exercise treadmill equipment. The information may be measured by one or more sensors that may be embedded in the sensor device. The measured information may be transmitted from the sensor device to data processor of an external device. Such information corresponding to various activities of the user may be utilized further for various applications.

IPC 8 full level
A61B 5/11 (2006.01); **A61B 5/00** (2006.01); **A63B 22/00** (2006.01); **A63B 22/02** (2006.01); **A63B 22/06** (2006.01); **A63B 23/04** (2006.01); **A63B 24/00** (2006.01)

CPC (source: EP US)
A61B 5/1118 (2013.01 - EP US); **A61B 5/6895** (2013.01 - EP US); **A63B 24/0062** (2013.01 - EP US); **A61B 2560/0204** (2013.01 - EP US); **A63B 21/0054** (2015.10 - US); **A63B 22/0076** (2013.01 - EP US); **A63B 22/02** (2013.01 - EP US); **A63B 22/0605** (2013.01 - EP US); **A63B 22/0664** (2013.01 - EP US); **A63B 2024/0065** (2013.01 - EP US); **A63B 2220/16** (2013.01 - EP US); **A63B 2220/30** (2013.01 - EP US); **A63B 2220/40** (2013.01 - EP US); **A63B 2220/51** (2013.01 - EP US); **A63B 2220/805** (2013.01 - EP US); **A63B 2220/806** (2013.01 - EP US); **A63B 2225/20** (2013.01 - EP US); **A63B 2225/50** (2013.01 - EP US)

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

DOCDB simple family (publication)
WO 2013034987 A2 20130314; **WO 2013034987 A3 20130822**; EP 2753242 A2 20140716; EP 2753242 A4 20150114; US 2014221160 A1 20140807

DOCDB simple family (application)
IB 2012002552 W 20120910; EP 12830145 A 20120910; US 201214343379 A 20120910