

Title (en)

A DEVICE, METHOD AND SYSTEM FOR ADD ON ATTACHMENT OF APPLIED FORCE STRAIN SENSOR ONTO EXERCISE EQUIPMENT

Title (de)

VORRICHTUNG, VERFAHREN UND SYSTEM ZUR BEFESTIGUNG EINES SPANNUNGSSENSORS FÜR DIE AUF EIN TRAININGSGERÄT ANGEWANDTE KRAFT

Title (fr)

DISPOSITIF, PROCÉDÉ ET SYSTÈME POUR LA FIXATION COMPLÉMENTAIRE D'UN CAPTEUR DE CONTRAINTE DE FORCE APPLIQUÉE SUR UN ÉQUIPEMENT D'EXERCICE

Publication

**EP 3033603 A4 20170322 (EN)**

Application

**EP 14836031 A 20140812**

Priority

- DE 202013103644 U 20130812
- IL 2014050725 W 20140812

Abstract (en)

[origin: WO2015022687A1] A device for measuring a force applied to a bicyclical pedal by a rider is attachable to a standard bicyclical article. The device comprises (a) attaching means adapted for quickly embracing and detaching from said crank; (b) a spring-loaded leaf attached to the crank; (c) at least one strain gage adapted to measure a strain of the spring-loaded leaf; and (d) a control unit. The spring-loaded leaf is glued to the crank.

IPC 8 full level

**B62M 3/16** (2006.01); **A61B 5/22** (2006.01); **B62J 99/00** (2009.01)

CPC (source: EP US)

**B62J 45/411** (2020.02 - EP US); **B62J 45/421** (2020.02 - EP US); **B62M 3/16** (2013.01 - EP US); **A61B 5/221** (2013.01 - EP)

Citation (search report)

- [Y] WO 2012111007 A1 20120823 - WATTEAM LTD [IL], et al
- [YP] DE 202013103644 U1 20130830 - WATTEAM LTD [IL]
- See references of WO 2015022687A1

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)

**DE 202013103644 U1 20130830**; EP 3033603 A1 20160622; EP 3033603 A4 20170322; WO 2015022687 A1 20150219

DOCDB simple family (application)

**DE 202013103644 U 20130812**; EP 14836031 A 20140812; IL 2014050725 W 20140812