

Title (en)
EXERCISE APPARATUS, SYSTEM AND ASSOCIATED METHOD

Title (de)
ÜBUNGSVORRICHTUNG, SYSTEM UND ZUGEHÖRIGES VERFAHREN

Title (fr)
APPAREIL D'EXERCICE, SYSTÈME ET PROCÉDÉ ASSOCIÉ

Publication
EP 2956219 A4 20161012 (EN)

Application
EP 13874929 A 20131118

Priority
• AU 2013200783 A 20130214
• AU 2013001326 W 20131118

Abstract (en)
[origin: WO2014124480A1] An apparatus (10) for exercise in which a user strikes the apparatus (10), the apparatus (10) including: a body (12) and a sensor assembly (16) located at least partially within the body (12); wherein the sensor assembly (16) includes pressure sensor (18) having a fluid filled housing (95) with a flexible surface (93), the sensor assembly (16) being configured to generate an impact signal associated with deflection of the flexible surface (93) of the pressure sensor (18), and wherein the flexible surface (93) of the pressure sensor (18) is positioned relative to a striking portion (14) of the body (12) such that impacting the striking portion (14) of the body (12) deflects the flexible surface of the pressure sensor (18) thereby generating the impact signal.

IPC 8 full level
A63B 69/00 (2006.01); **A63B 69/32** (2006.01); **A63B 69/34** (2006.01); **A63B 71/06** (2006.01)

CPC (source: EP US)
A63B 69/32 (2013.01 - EP US); **A63B 71/06** (2013.01 - EP US); **A63B 71/0622** (2013.01 - EP US); **A63B 2214/00** (2020.08 - EP);
A63B 2220/56 (2013.01 - EP US); **A63B 2220/833** (2013.01 - EP US); **A63B 2244/10** (2013.01 - EP US); **A63B 2244/102** (2013.01 - EP US)

Citation (search report)
• [XA] US 2006252608 A1 20061109 - KANG BRIAN J [US], et al
• See references of WO 2014124480A1

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 2014124480 A1 20140821; AU 2013200783 A1 20140828; AU 2013378670 A1 20150827; EP 2956219 A1 20151223;
EP 2956219 A4 20161012; US 2015375079 A1 20151231

DOCDB simple family (application)
AU 2013001326 W 20131118; AU 2013200783 A 20130214; AU 2013378670 A 20131118; EP 13874929 A 20131118;
US 201314767027 A 20131118