

Title (en)

DEVICE FOR APPLYING A LOAD TO EXERCISE EQUIPMENT

Title (de)

VORRICHTUNG ZUM AUFBRINGEN EINER LAST AUF EIN ÜBUNGSGERÄT

Title (fr)

DISPOSITIF D'APPLICATION DE CHARGE À ÉQUIPEMENT D'EXERCICE

Publication

**EP 4182042 A1 20230524 (EN)**

Application

**EP 20785902 A 20200930**

Priority

- AT 600272020 A 20200130
- AT 2020060349 W 20200930

Abstract (en)

[origin: WO2021151127A1] The invention relates to a device for applying a load to an exercise equipment (1) comprising driving means (2), control means (3) adapted to control the driving means (2), attachment means (4) adapted to attach the device to the exercise equipment (1), and connection means (5) connecting the driving means (2) to the attachment means (4), wherein the device comprises a load sensor (6), wherein the load sensor (6) is adapted to measure the load applied to the exercise equipment (1) by the driving means (2), and wherein the load sensor (6) is connected to the control means (3). The invention further relates to a system and a method.

IPC 8 full level

**A63B 21/00** (2006.01); **A63B 21/078** (2006.01); **A63B 23/12** (2006.01); **A63B 24/00** (2006.01)

CPC (source: EP US)

**A63B 21/156** (2013.01 - EP US); **A63B 21/4035** (2015.10 - EP); **A63B 21/4043** (2015.10 - EP); **A63B 23/12** (2013.01 - EP);  
**A63B 24/0062** (2013.01 - EP); **A63B 24/0087** (2013.01 - EP US); **A63B 21/078** (2013.01 - EP); **A63B 2024/0093** (2013.01 - EP);  
**A63B 2220/16** (2013.01 - EP US); **A63B 2220/31** (2013.01 - EP); **A63B 2220/52** (2013.01 - EP US)

Citation (search report)

See references of WO 2021151127A1

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 2021151127 A1 20210805**; EP 4182042 A1 20230524; US 2024009522 A1 20240111

DOCDB simple family (application)

**AT 2020060349 W 20200930**; EP 20785902 A 20200930; US 202018547492 A 20200930