

Title (en)

EXERCISE WEIGHT SELECTION DEVICE AND METHOD

Title (de)

VORRICHTUNG UND VERFAHREN ZUR AUSWAHL DES ÜBUNGSGEWICHTS

Title (fr)

DISPOSITIF ET MÉTHODE DE SÉLECTION DE POIDS D'EXERCICE

Publication

EP 3568216 A4 20201216 (EN)

Application

EP 18739222 A 20180109

Priority

- US 201715404109 A 20170111
- US 2018012905 W 20180109

Abstract (en)

[origin: WO2018132354A1] A resistance component configured for imparting a resistive force to a connected exercise component is provided. The device includes a frame pivotally supporting a selection arm which has a weight operatively connected to the selection arm by a pin arm. The weight imparts a force resisting rotation of the selection arm by a flexible member engaged with the exercise component. Adjusting the engagement of one end of the pin arm to an arched engagement path along the selection arm adjusts mechanical advantage and the resistive force.

IPC 8 full level

A63B 21/00 (2006.01)

CPC (source: EP)

A63B 21/00072 (2013.01); **A63B 21/0616** (2015.10); **A63B 21/159** (2013.01); **A63B 21/154** (2013.01)

Citation (search report)

- [XYI] US 4426077 A 19840117 - BECKER HERMANN-JOSEF [DE]
- [Y] US 2008020911 A1 20080124 - CASTELLO NETO JULIAO MARTINS [BR]
- [I] US 4863161 A 19890905 - TELLE JEROME R [US]
- See also references of WO 2018132354A1

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 2018132354 A1 20180719; BR 112019014129 A2 20200211; BR 112019014129 B1 20231219; CA 3049012 A1 20180719; CA 3049012 C 20220301; CN 110225784 A 20190910; CN 110225784 B 20210511; EP 3568216 A1 20191120; EP 3568216 A4 20201216; EP 3568216 B1 20240306; EP 3568216 C0 20240306

DOCDB simple family (application)

US 2018012905 W 20180109; BR 112019014129 A 20180109; CA 3049012 A 20180109; CN 201880006677 A 20180109; EP 18739222 A 20180109