

Title (en)

Automatic weight adjusting system for exercising apparatus.

Title (de)

Automatisches System für die Regelung von Gewichten in Übungsgeräten.

Title (fr)

Système de régulation automatique de poids pour appareil d'entraînement physique.

Publication

EP 0643983 A1 19950322 (EN)

Application

EP 94830438 A 19940919

Priority

IT AN930052 A 19930922

Abstract (en)

This invention concerns a device for generating an adjustable an resisting force for body building machines, characterised by a lever pivoted by means of horizontal pins to the supporting structure of the machine, the same being fitted with a sliding and arrestable mass along the lever, one of whose ends is fitted with attachments for the mechanical devices used to transmit the muscular force that the athlete transmits on the handles or the foot board of the machine, to the lever. <IMAGE>

IPC 1-7

A63B 21/06

IPC 8 full level

A63B 21/06 (2006.01)

CPC (source: EP)

A63B 21/0615 (2013.01); **A63B 21/0616** (2015.10); **A63B 21/151** (2013.01); **A63B 21/4047** (2015.10)

Citation (search report)

- [X] US 3588101 A 19710628 - JUNGREIS SIDNEY W
- [XA] US 4650185 A 19870317 - CARTWRIGHT RICHARD D [US]
- [XA] US 4863161 A 19890905 - TELLE JEROME R [US]
- [XA] US 3573865 A 19710406 - ANNAS WILLIAM G, et al
- [A] GB 190923278 A 19100407 - CARO LEO [DE]

Cited by

KR100500059B1; ES2152895A1; DE10204565A1; WO2008036799A1; WO2022081117A1; US10814156B2; EP3991809B1

Designated contracting state (EPC)

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