

Title (en)

Weight training machine having a selector device

Title (de)

Trainingsgerät zum Gewichtheben mit einer Kopplungseinrichtung

Title (fr)

Machine d'entrainement aux poids ayant un dispositif de sélecteur

Publication

EP 1813315 A1 20070801 (EN)

Application

EP 06001975 A 20060131

Priority

- EP 06001975 A 20060131
- US 32024305 A 20051228

Abstract (en)

A weight training machine includes a support frame, and a selector. The support frame includes two parallel guide rods, a plurality of weights, and a drive shaft. The selector device includes a selector that is inserted into a gap between any two adjacent weights and connected to the drive shaft, and a reel mounted on the selector and having a retractable pull wire having a distal end secured to the support frame. Thus, the pull wire of the reel is kept at a straight state constantly during movement of the selector, so that the pull wire will not interfere with operation of the selector and will not tangle with the weights, thereby facilitating the user operating the selector, and thereby protecting the user's safety.

IPC 8 full level

A63B 21/062 (2006.01); **A63B 21/06** (2006.01)

CPC (source: EP US)

A63B 21/0628 (2015.10 - EP US); **A63B 21/063** (2015.10 - EP US)

Citation (search report)

- [A] US 2002058572 A1 20020516 - MITCHELL GARY [US], et al
- [A] US 2004002409 A1 20040101 - WEBB GREGORY M [US], et al
- [A] US 2004009857 A1 20040115 - WEBB GREGORY A [US], et al
- [A] US 5785632 A 19980728 - GREENBERG ANDREW D [US], et al

Cited by

EP3153215A3; ITUB20154086A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK YU

DOCDB simple family (publication)

EP 1813315 A1 20070801; BR PI0605380 A 20071016; CN 201061688 Y 20080521; TW M316740 U 20070811; US 2007149366 A1 20070628

DOCDB simple family (application)

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