

Title (en)
WEIGHT TRAINING DEVICE

Title (de)
KRAFTSPORT-TRAININGSGERÄT

Title (fr)
APPAREIL DE MUSCULATION

Publication
EP 1423170 B1 20070103 (DE)

Application
EP 02776946 A 20020828

Priority
• DE 10142106 A 20010830
• DE 10223846 A 20020528
• EP 0209585 W 20020828

Abstract (en)
[origin: WO03020374A1] The weight training device has a load arm (22), mounted on a frame (10), which may pivot up and down relative to a horizontal position, on which a weight (24) is mounted such as to be adjustable in the longitudinal direction. The device further has a force application element (18), on which pushing or pulling forces of a training person (14) may be exerted and transmission members (16, 20), which transmit said forces as a torque to the load arm (22). The novelty of the invention lies in the fact that the load arm (22) is directly or indirectly supported in the horizontal position or inclined at an angle of up to about 20 DEG by means of a stop member (28). In the supported position the weight (24) may be easily displaced by means of an automatically locking electric motor or a manual drive with a gear.

IPC 8 full level
A63B 21/06 (2006.01); **A63B 23/00** (2006.01)

CPC (source: EP)
A63B 21/0615 (2013.01); **A63B 21/0616** (2015.10); **A63B 21/0783** (2015.10); **A63B 21/08** (2013.01); **A63B 21/4047** (2015.10)

Cited by
WO2015196307A1; US2021322820A1; US11925834B2

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LI LU MC NL PT SE SK TR

DOCDB simple family (publication)
WO 03020374 A1 20030313; AT E350115 T1 20070115; DE 50209182 D1 20070215; EP 1423170 A1 20040602; EP 1423170 B1 20070103

DOCDB simple family (application)
EP 0209585 W 20020828; AT 02776946 T 20020828; DE 50209182 T 20020828; EP 02776946 A 20020828