

Title (en)
WEIGHT TRAINING DEVICE

Title (de)
GEWICHTSTRAININGSVORRICHTUNG

Title (fr)
DISPOSITIF D'HALTÉROPHILIE

Publication
EP 3253462 A4 20190306 (EN)

Application
EP 15881360 A 20150205

Priority
US 2015014648 W 20150205

Abstract (en)
[origin: WO2016126254A1] This invention relates to devices that prevent brake cables (128A, 128B) from twisting when in use on a barbell. Previously, weight training equipment did not have brakes, so brake cable twisting was not a known problem. However, embodiments of the present invention use a cross bar (130) mechanically coupled to a barbell (110) that is further mechanically coupled to a first brake (116) such that the barbell can rotate to but not through the first brake, enabling a range of motion of approximately 300 degrees. Further, a gyroscope (140) mechanically coupled to the brake cables rotates with the brake cables and prevents the brake cables from twisting.

IPC 8 full level
A63B 21/078 (2006.01)

CPC (source: EP)
A63B 21/0724 (2013.01); **A63B 21/078** (2013.01); **A63B 21/0783** (2015.10)

Citation (search report)

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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 2016126254 A1 20160811; CN 107206267 A 20170926; CN 107206267 B 20190820; EP 3253462 A1 20171213; EP 3253462 A4 20190306; EP 3253462 B1 20200923

DOCDB simple family (application)
US 2015014648 W 20150205; CN 201580074532 A 20150205; EP 15881360 A 20150205