

Title (en)
Exercise machine

Title (de)
Trainingsgerät

Title (fr)
Appareil d'entrainement

Publication
EP 2158944 A2 20100303 (DE)

Application
EP 09163274 A 20090619

Priority
DE 102008028816 A 20080619

Abstract (en)
The machine has a bottom bracket/crank lever (3) connected with a braking unit (2), and a seating unit i.e. bareback pad, mechanically connected with the braking unit. A lifting unit (5) determines rotational movement of motors (4) in cyclic translational, linear or arc-shaped stroke. The bottom bracket/crank lever is mechanically connected with the lifting unit, where amplitude of the lifting unit is independent of the rotation of the motor. The seating unit is connected with a wheel covering super structure (6).

Abstract (de)
Trainingsgerät mit einer Sitzeinheit (1), einer mit einer Bremseinheit (2) verbundenen Tretlager-/Kurbelheit (3), einem Motor (4) sowie einer Hubeinheit (5), wobei die Sitzeinheit (1) mit der Bremseinheit (2) mechanisch verbunden ist; die rotatorische Bewegung des Motors (4) die Hubeinheit (5) in eine zyklische translatorische, lineare oder kreisbogenförmige Hubbewegung versetzt; die Tretlager-/Kurbelheit (3) mit der Hubeinheit (5) mechanisch verbunden ist; und die Amplitude der Hubeinheit (5) unabhängig von der Drehzahl des Motors (4) ist, sowie dessen Verwendung.

IPC 8 full level
A63B 69/16 (2006.01); **A61H 23/00** (2006.01); **A63B 22/08** (2006.01)

CPC (source: EP)
A61H 1/003 (2013.01); **A61H 23/0254** (2013.01); **A63B 21/00196** (2013.01); **A63B 22/0605** (2013.01); **A61H 2201/1215** (2013.01); **A61H 2201/1261** (2013.01); **A61H 2201/1633** (2013.01); **A61H 2201/1678** (2013.01); **A61H 2203/0425** (2013.01); **A63B 21/0051** (2013.01); **A63B 21/015** (2013.01); **A63B 2071/0063** (2013.01); **A63B 2208/0228** (2013.01)

Citation (applicant)

- US 2005165332 A1 20050728 - TALISH ROGER J [US], et al
- WO 2006069988 A1 20060706 - QUARZ DIETER [DE]
- WO 2006069988 A1 20060706 - QUARZ DIETER [DE]
- H. KLEINÖDER ET AL.: "Effects of a bicycle specific endurance training with and without vibration", EUROPEAN CONGRESS OF SPORTS SCIENTISTS, 5 July 2006 (2006-07-05)

Citation (examination)
WO 2010005286 A1 20100114 - POWER PLATE INT LTD [GB], et al

Cited by
CN114344840A; CN111905326A; WO2022189252A1; WO2022189254A1; WO2022189253A1

Designated contracting state (EPC)
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 SE SI SK TR

DOCDB simple family (publication)
EP 2158944 A2 20100303; **EP 2158944 A3 20100721**; DE 102008028816 A1 20100325

DOCDB simple family (application)
EP 09163274 A 20090619; DE 102008028816 A 20080619