

Title (en)

Training device, method for operating same and assembly for measuring, controlling and/or regulating performance on a training device

Title (de)

Trainingsgerät, Verfahren zum Betrieb eines Trainingsgerätes und Anordnung zur Leistungsmessung, -steuerung und/oder -regelung an einem Trainingsgerät

Title (fr)

Appareil d'entraînement, procédé de fonctionnement d'un appareil d'entraînement et agencement destiné à la mesure, la commande et/ou la régulation de la puissance sur un appareil d'entraînement

Publication

EP 2364686 B1 20150311 (DE)

Application

EP 10002540 A 20100311

Priority

EP 10002540 A 20100311

Abstract (en)

[origin: EP2364686A1] The device (100) has pedals (1041) moving feets, and/or arm rods (106r, 1061) moving arms. The arm rods are actuated by a person i.e. patient (P) in a sitting position. A control device measures, controls and/or regulates training power. The pedals and/or rods are mechanically coupled with an electrical motor or an electro-mechanical converter, and a brake device i.e. eddy current brake device. The electrical motor and the brake device are controlled by the control device and defined by the pedals/rods to receive power that is applied by the patient and to discharge the power to the patient. Independent claims are also included for the following: (1) a method for operating the training device (2) an arrangement for measuring power, control and/or regulation in the training device.

IPC 8 full level

A61H 1/02 (2006.01); **A63B 22/08** (2006.01); **A63B 23/035** (2006.01)

CPC (source: EP)

A61H 1/0214 (2013.01); **A61H 1/0274** (2013.01); **A63B 21/00178** (2013.01); **A63B 21/00181** (2013.01); **A63B 21/0051** (2013.01); **A63B 21/0058** (2013.01); **A63B 22/0002** (2013.01); **A63B 22/001** (2013.01); **A63B 22/0605** (2013.01); **A63B 24/0087** (2013.01); **A61H 2201/0192** (2013.01); **A61H 2201/1261** (2013.01); **A61H 2201/501** (2013.01); **A61H 2201/5015** (2013.01); **A61H 2201/5035** (2013.01); **A61H 2201/5061** (2013.01); **A61H 2201/5069** (2013.01); **A61H 2201/5079** (2013.01); **A61H 2201/5097** (2013.01); **A61H 2203/02** (2013.01); **A61H 2203/0437** (2013.01); **A61H 2230/06** (2013.01); **A63B 21/4015** (2015.10); **A63B 21/4019** (2015.10); **A63B 2022/0623** (2013.01); **A63B 2208/0238** (2013.01); **A63B 2208/03** (2013.01); **A63B 2220/34** (2013.01); **A63B 2220/54** (2013.01); **A63B 2225/093** (2013.01); **A63B 2225/20** (2013.01); **A63B 2225/50** (2013.01); **A63B 2225/60** (2013.01); **A63B 2230/06** (2013.01)

Citation (examination)

- WO 2008067470 A2 20080605 - KOLARICK ROBERT [US], et al
- US 4828522 A 19890509 - SANTOS T R [US]

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US11298284B2; CN110141457A; FR3021550A1; US2018228682A1; EP3409329A1; US10478660B2; WO2015185838A1; WO2015013833A1

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 SM TR

DOCDB simple family (publication)

EP 2364686 A1 20110914; **EP 2364686 B1 20150311**; ES 2537075 T3 20150602; PL 2364686 T3 20150831; WO 2011110362 A1 20110915; WO 2011110362 A4 20111229

DOCDB simple family (application)

EP 10002540 A 20100311; EP 2011001210 W 20110311; ES 10002540 T 20100311; PL 10002540 T 20100311