

Title (en)

Exercising apparatus with a crank

Title (de)

Bewegungstrainingsgerät mit einer Kurbel

Title (fr)

Appareil d'exercice physique équipé d'un pédalier

Publication

EP 0758554 B1 20011114 (DE)

Application

EP 96112690 A 19960807

Priority

DE 19529764 A 19950812

Abstract (en)

[origin: EP0758554A1] The training appts. has a DC electric motor, connected in a drive system with crank and pedals (4) operated by user. A four quadrant electronic power unit (5) provides current for the motor (2), which is used for driving and braking the crank in both directions, according to the programme entered in the computer. An incremental transmitter (3) is provided for determining the angular setting, the direction of rotation and speed of the crank. The actual instantaneous values can be freely evaluated, so that these along with further externally measured characteristic values are made available. For the digital regulation (6) and the control (7) of the crank movement, and for the control of or for the further transmission to a peripheral unit.

IPC 1-7

A63B 22/08; **A63B 21/005**

IPC 8 full level

A63B 21/005 (2006.01); **A63B 22/08** (2006.01); **A61H 1/02** (2006.01); **A63B 24/00** (2006.01)

CPC (source: EP US)

A63B 21/00178 (2013.01 - EP US); **A63B 21/00181** (2013.01 - EP US); **A63B 21/0058** (2013.01 - EP US); **A63B 22/0005** (2015.10 - EP US); **A61H 1/0214** (2013.01 - EP US); **A63B 22/0007** (2013.01 - EP US); **A63B 22/0605** (2013.01 - EP US); **A63B 2213/004** (2013.01 - EP US); **A63B 2220/16** (2013.01 - EP US); **A63B 2220/54** (2013.01 - EP US); **A63B 2220/58** (2013.01 - EP US); **Y10S 482/90** (2013.01 - EP US)

Cited by

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