

Title (en)

Exerciser for the sake of training the abdominal muscle group

Title (de)

Übungsgerät zum Trainieren der Bauchmuskelgruppe

Title (fr)

Appareil d'exercice prévu pour l'entraînement du groupe des muscles abdominaux

Publication

**EP 2216077 A1 20100811 (EN)**

Application

**EP 09152051 A 20090204**

Priority

EP 09152051 A 20090204

Abstract (en)

An exerciser (10) for the sake of training the abdominal muscle group is disclosed, wherein the operator may rotate on his backbone for taking a twisting exercise for his upper and lower bodies in reverse (different) direction; and wherein the exerciser (10) includes a rotating disc mechanism (20) for the lower limb of the operator to stand thereon and swiveled under application of force, a rotating handlebar mechanism (40) for the upper limb of the operator to hold thereon and swiveled under application of force, and a coupling mechanism (30) for synchronically and reversely coupling the rotating disc mechanism and the rotating handlebar mechanism.

IPC 8 full level

**A63B 22/14** (2006.01); **A63B 23/02** (2006.01)

CPC (source: EP)

**A63B 21/15** (2013.01); **A63B 22/14** (2013.01); **A63B 23/0222** (2013.01); **A63B 2023/003** (2013.01); **A63B 2208/0204** (2013.01)

Citation (applicant)

- US 6186910 B1 20010213 - KOBAYASHI KANDO [JP]
- US 3784193 A 19740108 - SIMJIAN L
- US 5938569 A 19990817 - LIN TING FUNG [TW]
- US 2004097336 A1 20040520 - CHUANG JIN CHEN [TW]
- US 6149552 A 20001121 - CHEN PAUL [TW]

Citation (search report)

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Designated contracting state (EPC)

AT BE DE FR GB

Designated extension state (EPC)

AL BA RS

DOCDB simple family (publication)

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DOCDB simple family (application)

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