

Title (en)
ABDOMINAL EXERCISE MACHINE

Title (de)
BAUCHMUSKELTRAININGSMASCHINE

Title (fr)
MACHINE D'EXERCICE ABDOMINAL

Publication
EP 2073903 A4 20110323 (EN)

Application
EP 06816174 A 20061003

Priority
US 2006038725 W 20061003

Abstract (en)
[origin: WO2008041982A1] An exercise machine, more specifically, an abdominal exercise machine (10). The abdominal exercise machine consists of a frame (12) upon which the user sits, the frame having a support arm (20) tilted backward from vertical with the lower lumbar region against a seat member (24). Pivotaly attached to the frame is an upper seat rest assembly (14) that has a pair of handles (40) and a pad designed to lay against the upper back of the user. The seat back assembly moves with the upper body of the user, the hands of the user assisting in maintaining the upper seat back member against the upper back, while the user moves from a tilted back position to a crunch position, and simulating a traditional sit-up movement.

IPC 8 full level
A63B 26/00 (2006.01)

CPC (source: EP)
A63B 21/4047 (2015.10); **A63B 23/0211** (2013.01); **A63B 21/008** (2013.01); **A63B 21/0083** (2013.01); **A63B 21/0087** (2013.01); **A63B 21/023** (2013.01); **A63B 21/0628** (2015.10); **A63B 23/0227** (2013.01); **A63B 2023/003** (2013.01); **A63B 2023/0411** (2013.01); **A63B 2208/0228** (2013.01)

Citation (search report)

- [X] US 5776084 A 19980707 - WOLAN EDWARD [US]
- [X] US 2006211549 A1 20060921 - NOHEJL RUSSELL J [US]
- [X] US 5094449 A 19920310 - STEARNS KENNETH W [US]
- See references of WO 2008041982A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA HR MK RS

DOCDB simple family (publication)
WO 2008041982 A1 20080410; AU 2006348992 A1 20080410; AU 2006348992 B2 20121220; CA 2665203 A1 20080410; CN 101646475 A 20100210; EP 2073903 A1 20090701; EP 2073903 A4 20110323; JP 2010505511 A 20100225; JP 5103477 B2 20121219

DOCDB simple family (application)
US 2006038725 W 20061003; AU 2006348992 A 20061003; CA 2665203 A 20061003; CN 200680056269 A 20061003; EP 06816174 A 20061003; JP 2009531364 A 20061003