

Title (en)  
Multi-dimensional abdomen exercise machine

Title (de)  
Mehrdimensionales Abdomenübungsmaschine

Title (fr)  
Machine d'exercice abdominal multidimensionnelle

Publication  
**EP 2837408 A2 20150218 (EN)**

Application  
**EP 14172141 A 20140612**

Priority  
US 201313938115 A 20130709

Abstract (en)  
An exercise machine applicable for strengthening a user's abdominal muscles is described. The exercise machine can include a track frame having a higher end and a lower end. Kneeling assemblies may be mounted on parallel gliding rails of the track frame to receive the knees from a user to make movements up and down between the lower end and the higher end of the track frame. Each kneeling assembly may be engaged with a pair of the gliding rails. A rotationally adjustable armrest holder may be adjustable rotationally mounted on the upper end of the track frame. The armrest holder can be oriented towards a direction having an angular relationship with an axis of the track frame between the lower end and the higher end. The armrest holder may be capable of supporting the arms of the user making the movements with a twisting effect according to the angular relationship.

IPC 8 full level  
**A63B 23/02** (2006.01); **A63B 21/00** (2006.01); **A63B 21/068** (2006.01); **A63B 22/00** (2006.01); **A63B 22/14** (2006.01); **A63B 22/20** (2006.01); **A63B 23/035** (2006.01); **A63B 23/04** (2006.01); **A63B 71/02** (2006.01)

CPC (source: EP)  
**A63B 21/0004** (2013.01); **A63B 21/00069** (2013.01); **A63B 21/068** (2013.01); **A63B 22/14** (2013.01); **A63B 22/203** (2013.01); **A63B 22/205** (2013.01); **A63B 23/02** (2013.01); **A63B 23/0222** (2013.01); **A63B 23/0227** (2013.01); **A63B 21/4045** (2015.10); **A63B 22/0087** (2013.01); **A63B 23/0216** (2013.01); **A63B 23/03525** (2013.01); **A63B 23/03533** (2013.01); **A63B 23/0405** (2013.01); **A63B 2023/003** (2013.01); **A63B 2071/025** (2013.01); **A63B 2208/0219** (2013.01); **A63B 2210/50** (2013.01)

Cited by  
CN110917574A

Designated contracting state (EPC)  
AL 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 RS SE SI SK SM TR

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
**EP 2837408 A2 20150218; EP 2837408 A3 20150401**

DOCDB simple family (application)  
**EP 14172141 A 20140612**