

Title (en)
TRAINING APPARATUS FOR THE TRUNK MUSCULATURE

Title (de)
TRAININGSGERÄT FÜR DIE RUMPFMUSKULATUR

Title (fr)
APPAREIL D'EXERCICE DE MUSCULATION DU TRONC

Publication
EP 2773433 B2 20220420 (DE)

Application
EP 12788483 A 20121101

Priority

- DE 102011085571 A 20111102
- DE 202011051836 U 20111102
- DE 202012101188 U 20120402
- EP 2012071647 W 20121101

Abstract (en)
[origin: WO2013064589A1] This invention relates to training apparatuses for the trunk musculature. The training apparatuses are characterized in particular in that the spinal erectors and the abdominal muscles can be trained. To this end, a frame has a sitting device with a seat for unrestrained sitting without contact with the floor, at least one backrest, a first fixing device for the pelvis, and at least one second fixing device for an arm or a hand. Furthermore, the seat including the coupled first fixing device is movable relative to the backrest including the second fixing device. The movable seat including the first fixing device and the backrest including the second fixing device advantageously result in the pelvis being movable while the upper body remains steady. The frame is configured so that the feet or the legs cannot support the upper body.

IPC 8 full level
A63B 21/00 (2006.01); **A63B 23/02** (2006.01)

CPC (source: EP US)
A63B 21/4011 (2015.10 - EP US); **A63B 23/0205** (2013.01 - US); **A63B 23/0211** (2013.01 - EP US); **A63B 23/0222** (2013.01 - US); **A63B 23/0233** (2013.01 - EP US); **A63B 2208/0228** (2013.01 - EP US)

Citation (opposition)
Opponent :

- DE 102007044725 A1 20090319 - KEEP FIT AG [DE]
- WO 2006132891 A2 20061214 - BURRELL TRAVIS [US]

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

DOCDB simple family (publication)
WO 2013064589 A1 20130510; EP 2773433 A1 20140910; EP 2773433 B1 20190327; EP 2773433 B2 20220420; US 2015251050 A1 20150910; US 9925414 B2 20180327

DOCDB simple family (application)
EP 2012071647 W 20121101; EP 12788483 A 20121101; US 201214380940 A 20121101