

Title (en)

Athletic apparatus with non-linear sliding track

Title (de)

Sportvorrichtung mit nichtlinearer Gleitschiene

Title (fr)

Appareil athlétique avec couloir coulissant non linéaire

Publication

EP 2186550 A1 20100519 (EN)

Application

EP 08019626 A 20081110

Priority

EP 08019626 A 20081110

Abstract (en)

An athletic apparatus with non-linear sliding tracks (3,4) includes a frame, a pair of tracks installed to the frame (10), a pair of pedal mechanisms (5,51,52,6,61,62) slidably installed to the tracks and a pair of rocker arm mechanisms (14,73,74,75,83,84,85). Each track is formed by at least one curved pipe. Each rocker arm mechanism pivoted to a shaft rod (24) of the frame is linked to the pedal mechanism through at least one linking rod (73,83) and further connected to a damping mechanism (101,102,103) which provides a resistance to the rocker arm mechanism. Each pedal mechanism is linked to a steel rope (92) of a linking mechanism so that the pair of the pedal mechanisms can move back and forth against each other alternately along the curved tracks. A handle (70,80) is arranged on a top of each rocker arm mechanism, a user can exercise by holding the handles and treading on the pedal mechanism.

IPC 8 full level

A63B 23/04 (2006.01)

CPC (source: EP)

A63B 22/001 (2013.01); **A63B 22/205** (2013.01); **A63B 21/0056** (2013.01); **A63B 222/0028** (2013.01); **A63B 222/206** (2013.01)

Citation (applicant)

EP 0183674 A1 19860604 - IMMUNO AG [AT]

Citation (search report)

- [X] EP 1834674 A2 20070919 - BRUNSWICK CORP [US]
- [A] DE 202008001590 U1 20080717 - SCHULTE TIGGES GOTTHARD [DE]
- [A] DE 202007004837 U1 20070614 - CHANG SRETER [TW]

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA MK RS

DOCDB simple family (publication)

EP 2186550 A1 20100519; **EP 2186550 B1 20101110**; AT E487519 T1 20101115; DE 602008003459 D1 20101223; ES 2350737 T3 20110126; PL 2186550 T3 20110429

DOCDB simple family (application)

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