

Title (en)

Supplemental resistance assembly for resisting motion of an exercise device

Title (de)

Zusätzliche Widerstandsanordnung für die Widerstandsbewegung eines Übungsgerätes

Title (fr)

Ensemble de résistance supplémentaire pour le mouvement de résistance d'un dispositif d'exercice

Publication

**EP 1938869 A3 20080820 (EN)**

Application

**EP 07252817 A 20070716**

Priority

US 64688306 A 20061228

Abstract (en)

[origin: EP1938869A2] An exercise apparatus for a user. The exercise apparatus includes a frame, a crank system coupled to the frame, a pivotal linkage pendulum system, a foot member and first and second directional resistance systems. The crank system includes one or more crank members. The pivotal linkage pendulum system comprises at least a first link member. The first link member is coupled to the crank system through at least a first pivot point. The first pivot point of the first link member is configured to move in a path during use. The foot member is coupled to the at least one first link member. The first and second directional resistance systems are each coupled to the crank system. The first direction is different from the second direction.

IPC 8 full level

**A63B 21/005** (2006.01); **A63B 23/035** (2006.01); **A63B 23/04** (2006.01)

CPC (source: EP US)

**A63B 21/0051** (2013.01 - EP US); **A63B 22/001** (2013.01 - EP US); **A63B 22/0017** (2015.10 - EP US); **A63B 22/0664** (2013.01 - EP US); **A63B 24/00** (2013.01 - EP US); **A63B 21/0053** (2013.01 - EP US); **A63B 21/008** (2013.01 - EP US); **A63B 21/225** (2013.01 - EP US); **A63B 2022/0038** (2013.01 - EP US); **A63B 2022/0041** (2013.01 - EP US); **A63B 2022/0682** (2013.01 - EP US); **A63B 2071/0063** (2013.01 - EP US)

Citation (search report)

- [X] US 2002165066 A1 20021107 - STEARNS KENNETH W [US]
- [X] US 6923748 B1 20050802 - MAUZ JOHN J [US], et al

Cited by

EP2324888A1; IT202200002480A1

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 MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK RS

DOCDB simple family (publication)

**EP 1938869 A2 20080702**; **EP 1938869 A3 20080820**; **EP 1938869 B1 20120919**; ES 2395737 T3 20130214; JP 2008161685 A 20080717; JP 5319110 B2 20131016; US 2008161163 A1 20080703

DOCDB simple family (application)

**EP 07252817 A 20070716**; ES 07252817 T 20070716; JP 2007336429 A 20071227; US 64688306 A 20061228