

Title (en)

Elliptical exercise machine with adjustable stride

Title (de)

Maschine für elliptische Übungen mit Schritteinstellung

Title (fr)

Machine d'exercice elliptique dotée d'une foulée réglable

Publication

EP 2431077 A2 20120321 (EN)

Application

EP 11150558 A 20110111

Priority

TW 99218123 U 20100917

Abstract (en)

An elliptical exercise machine (100) includes two swing rods (2) connected pivotally to a base (1), a flywheel (3), two supporting rods (4) connected pivotally between the flywheel (3) and the swing rods (2), two pedal rods (5) slidable respectively on the supporting rods (4), and a motion transmitting device (6). The device (6) includes a fixed member (61) fixed on the base (1), a rotatable member (62) locked releaseably on the fixed member (61) at a selected angular position, two cranks (63) connected pivotally to the rotatable member (62), and two links (64) each having a first pivot portion (641) connected pivotally to the corresponding pedal rod (5), a second pivot portion (642) connected pivotally to the corresponding swing rod (2), and a third pivot portion (643) connected pivotally to the corresponding crank (63). The links (64) are driven by the cranks (63) to move the pedal rods (5) forwardly and rearwardly on the supporting rods (4), respectively.

IPC 8 full level

A63B 22/06 (2006.01); **A63B 22/00** (2006.01)

CPC (source: EP)

A63B 22/001 (2013.01); **A63B 22/0015** (2013.01); **A63B 22/0664** (2013.01); **A63B 22/203** (2013.01); **A63B 22/203** (2013.01); **A63B 22/203** (2013.01)

Citation (applicant)

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Cited by

US9339685B1; US9586086B2

Designated contracting state (EPC)

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Designated extension state (EPC)

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DOCDB simple family (publication)

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