

Title (en)

TRAINING EQUIPMENT, IN PARTICULAR AN ELLIPTICAL TRAINER

Title (de)

TRAININGSGERÄT, INSBESONDERE ELLIPSENTRAINER

Title (fr)

APPAREIL D'ENTRAÎNEMENT, EN PARTICULIER APPAREIL D'ENTRAÎNEMENT ELLIPTIQUE

Publication

EP 1409085 A1 20040421 (DE)

Application

EP 02764650 A 20020709

Priority

- DE 10135442 A 20010720
- EP 0207606 W 20020709

Abstract (en)

[origin: WO03011400A1] The invention relates to training equipment, in particular an elliptical trainer, comprising a respective standing platform for the left and right foot of the user, each platform being located on a respective foot bar. The front end of the foot bar is connected by means of a pivot bearing to a bar in such a way that it can pivot, said bar being in turn pivotally mounted on a supporting column above the pivot bearing by means of an additional pivot bearing. Hand grips are configured above said additional pivot bearing. The rear end of the foot bar is connected in a pivoting manner to a lever arm by means of a third pivot bearing, two lever arms of this type, which are offset by 180 DEG , engaging with a rotational shaft (20), which is connected to a drive shaft (23) of a flywheel (21) that can be braked by means of an eddy-current brake. The invention is characterised in that a free-wheel (32) is provided between the drive shaft (23) and the flywheel (21).

IPC 1-7

A63B 23/04

IPC 8 full level

A63B 22/12 (2006.01); **A63B 23/04** (2006.01); **A63B 21/00** (2006.01); **A63B 21/22** (2006.01); **A63B 23/035** (2006.01)

CPC (source: EP)

A63B 21/157 (2013.01); **A63B 22/001** (2013.01); **A63B 22/0664** (2013.01); **A63B 21/225** (2013.01); **A63B 2022/067** (2013.01)

Citation (search report)

See references of WO 03011400A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LI LU MC NL PT SE SK TR

DOCDB simple family (publication)

WO 03011400 A1 20030213; AT E390951 T1 20080415; DE 10135442 A1 20030213; DE 10135442 B4 20050623; DE 50212023 D1 20080515; EP 1409085 A1 20040421; EP 1409085 B1 20080402

DOCDB simple family (application)

EP 0207606 W 20020709; AT 02764650 T 20020709; DE 10135442 A 20010720; DE 50212023 T 20020709; EP 02764650 A 20020709