

Title (en)

Electric treadmill with a folding mechanism by use of two swivel pieces

Title (de)

Elektrisches Laufband mit einem Klappmechanismus mit zwei Drehverbindungsteilen

Title (fr)

Tapis roulant électrique doté d'un mécanisme pliant au moyen de deux pièces rotatives

Publication

EP 2452722 B1 20140326 (EN)

Application

EP 10191098 A 20101112

Priority

EP 10191098 A 20101112

Abstract (en)

[origin: EP2452722A1] An electric treadmill with a folding mechanism by use of two swivel pieces (18,19) includes a handrail frame (14) mounted at both sides of the front end of the base frame (11). A base frame swivel piece (18) is pivotally positioned at both sides near the front part of the bottom of the base frame, respectively. A handrail frame swivel piece (19) is pivotally disposed near the bottom of the handrail frames, respectively. A pull rod (20) is pivotally interposed between the swivel pieces. A movable support (23) with ground-touching rollers (22) is pivotally coupled to a cross shaft (21) of the base frame swivel pieces. Moreover, the movable support is constantly biased by a telescopic supporting element (24). In this way, an action bar (25) of the telescopic supporting element pushes the movable support forward when the base frame is folded upwards. Meanwhile, the ground-touching rollers are constantly in contact with the ground. Accordingly, a stable folded-up position is achieved.

IPC 8 full level

A63B 22/02 (2006.01)

CPC (source: EP)

A63B 22/0235 (2013.01); **A63B 2210/50** (2013.01)

Cited by

CN104436538A

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)

EP 2452722 A1 20120516; EP 2452722 B1 20140326

DOCDB simple family (application)

EP 10191098 A 20101112