

Title (en)

Device and method for an automatic treadmill therapy

Title (de)

Vorrichtung und Verfahren für eine automatische Laufbandtherapie

Title (fr)

Dispositif et procédé à bande de roulement pour thérapie automatique

Publication

EP 1772134 A1 20070411 (EN)

Application

EP 05405570 A 20051005

Priority

EP 05405570 A 20051005

Abstract (en)

A method to control the velocity of a treadmill according to the walking velocity of the person that is using the treadmill. A reaction force is measured, which occurs when a longitudinal repulsion force is created between the treadmill (2) and the person (1). A signal representation for said reaction force is transmitted to a control unit. The control unit is used to control the velocity of the treadmill.

IPC 8 full level

A61H 3/00 (2006.01); **A61F 5/01** (2006.01); **A61H 1/02** (2006.01); **A63B 22/02** (2006.01)

CPC (source: EP US)

A61H 1/0237 (2013.01 - EP US); **A63B 22/02** (2013.01 - EP US); **A63B 22/025** (2015.10 - EP US); **A61H 3/00** (2013.01 - EP US); **A61H 3/008** (2013.01 - EP US); **A61H 2001/0211** (2013.01 - EP US); **A61H 2201/1616** (2013.01 - EP US); **A61H 2201/1621** (2013.01 - EP US); **A61H 2201/163** (2013.01 - EP US); **A61H 2201/1652** (2013.01 - EP US); **A61H 2201/5061** (2013.01 - EP US); **A63B 22/0023** (2013.01 - EP US); **A63B 22/0235** (2013.01 - EP US); **A63B 2220/51** (2013.01 - EP US)

Citation (applicant)

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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 NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK YU

DOCDB simple family (publication)

EP 1772134 A1 20070411; EP 1931299 A1 20080618; US 2009215588 A1 20090827; WO 2007038888 A1 20070412

DOCDB simple family (application)

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