

Title (en)
Rehabilitation device used in walking therapy

Title (de)
Rehabilitationsgerät für Gangtherapie

Title (fr)
Appareil de réhabilitation pour la marche

Publication
EP 2910230 A1 20150826 (EN)

Application
EP 14461510 A 20140221

Priority
EP 14461510 A 20140221

Abstract (en)
In a rehabilitation device (1) used in walking therapy and comprising a supporting or carrying structure (100), to which a running rail (20) is attached, situated above a exerciser person, along which a truck (30) moves with a suspended carrying device (40) for relieving the legs of the exerciser person placed in the carrying device (40), cooperating with a system (50) for adjusting the force of relieving legs of the exerciser person and a mechanism (70) for adjusting the height of the carrying device (40) over the base, the carrying construction (100) comprises at least two supports (101 and 102) of gate structure, whose elements surround a space in which, along the running rail fixed to the supports (101 and 102) and situated at the top of the space surrounded by elements of the supports (101 and 102), a truck moves with a suspended carrying device for relieving the legs of the exerciser person, where the carrying device is suspended on one end of a string or tension member which is scrolled through a roller placed in a rotary manner on the truck and a prop roller placed in a rotary manner on a movable element of the system (50) for adjusting the force of relieving the legs of the exerciser person, movable under the influence of the tension force of the string, while the other end of the string is scrolled on a drum joined with a self-locking drive of the mechanism (70) for adjusting the height of the carrying device (40) over the base.

IPC 8 full level
A61H 3/00 (2006.01)

CPC (source: EP)
A61H 3/008 (2013.01)

Citation (applicant)
• DE 10120187 A1 20021121 - H P COSMOS SPORTS & MEDICAL GM [DE]
• US 6821233 B1 20041123 - COLOMBO GERY [CH], et al

Citation (search report)
• [Y] US 2008287268 A1 20081120 - HIDLER JOSEPH [US]
• [Y] EA 200500927 A1 20061229
• [A] US 2013226046 A1 20130829 - SALAZAR JOHN GILBERT [US]
• [A] US 3780663 A 19731225 - PETTIT M
• [A] EP 1908442 A1 20080409 - HOCOMA AG [CH]

Cited by
CN112790958A; CN116158942A

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

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
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