

Title (en)
Therapeutic device for post-operative knee

Title (de)
Therapeutische Vorrichtung für postoperatives Knie

Title (fr)
Dispositif thérapeutique pour genou postopératoire

Publication
EP 2732801 A1 20140521 (EN)

Application
EP 13192986 A 20131114

Priority
US 201213679142 A 20121116

Abstract (en)
The present teachings provide for an exercise device for exercising a joint and a limb. The device includes a controller, an actuation member, a load cell, and a motor. The actuation member is controlled by the controller and is configured to extend and flex the limb. The load cell is mounted to the actuation member and configured to measure force between the limb and the actuation member. The motor is configured to control movement of the actuation member in response to inputs from the controller.

IPC 8 full level
A61H 1/02 (2006.01)

CPC (source: EP)
A61H 1/024 (2013.01); **A61H 2201/0173** (2013.01)

Citation (search report)

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- [X] US 2011071002 A1 20110324 - GRAVEL MARTIN [CA], et al
- [X] US 2010249672 A1 20100930 - EWING PAUL [US]
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- [A] US 5454773 A 19951003 - BLANCHARD FREDERICK W [US], et al
- [A] WO 9111221 A1 19910808 - LOREDAN BIOMED INC [US]

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IT202100031280A1; CN111616713A; CN113520796A; EP3132785A1; WO2021077159A1; US10842705B2; US10507154B2; US11191693B2

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)
EP 2732801 A1 20140521; EP 2732801 B1 20180718; CA 2832580 A1 20140516; CA 2832580 C 20200818; ES 2691379 T3 20181127

DOCDB simple family (application)
EP 13192986 A 20131114; CA 2832580 A 20131105; ES 13192986 T 20131114