

Title (en)
ROTARY REHABILITATION APPARATUS AND METHOD

Title (de)
DREHVORRICHTUNG ZUR REHABILITIERUNG UND VERFAHREN

Title (fr)
APPAREIL ROTATIF ET PROCEDE DE REEDUCATION

Publication
EP 1827613 A1 20070905 (EN)

Application
EP 04811875 A 20041123

Priority
US 2004039231 W 20041123

Abstract (en)
[origin: WO2006057634A1] A rotary rehabilitation apparatus is presented for rehabilitation of a person's extremity, including the joints and assorted muscles, tendons, ligaments, that can be tailored to the person's needs based upon their physical size, type of injury, and plan for recovery. The apparatus facilitates the adjustment of the range of motion of the user's extremity in a cycling action by offsetting a moveable lever from a fixed lever at a plurality of angles. As the user's extremity moves in a circular path, the extremity engages in extension and flexion to cause movements in the articulations formed at the user's joints.

IPC 8 full level
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Citation (search report)
See references of WO 2006057634A1

Citation (examination)
• US 5316532 A 19940531 - BUTLER BRIAN R [US]
• WO 9717932 A1 19970522 - TORONTO MEDICAL CORP [CA]
• US 5163888 A 19921117 - STEARNS KENNETH W [US]

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CN112619045A

Designated contracting state (EPC)
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DOCDB simple family (publication)
WO 2006057634 A1 20060601; AU 2004325200 A1 20060601; BR PI0419200 A 20080108; CA 2587773 A1 20060601; CN 101065166 A 20071031; EP 1827613 A1 20070905; JP 2008520338 A 20080619

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