

Title (en)

THERAPEUTIC AND TRAINING DEVICE FOR THE SHOULDER JOINT

Title (de)

THERAPIE- UND TRAININGSGERÄT FÜR DAS SCHULTERGELENK

Title (fr)

APPAREIL DE THERAPIE ET D'EXERCICES POUR L'ARTICULATION DE L'EPAULE

Publication

EP 1351643 B1 20041006 (DE)

Application

EP 01273113 A 20011206

Priority

- DE 10101214 A 20010111
- EP 0114339 W 20011206

Abstract (en)

[origin: WO02055006A1] The invention relates to a therapeutic and training device for the shoulder joint (43), comprising a body support (21) with two shoulder brackets (27), one for each shoulder, attached to a pivot joint support (22), which may be pivoted about a vertical axis of a shoulder pivot joint device, each comprising an arm bracket for connecting to an arm (42, 48) at a separation from the pivot joint support, connected to the shoulder bracket (27) and rotating about a horizontal axis (37) around an upper arm pivot joint device (30). The shoulder bracket and/or the arm bracket have a motion connection such that a pivot movement of the one shoulder bracket or of the one arm bracket causes a pivot movement of the other shoulder bracket or the other arm bracket.

IPC 1-7

A61H 1/02; A63B 23/12

IPC 8 full level

A61H 1/02 (2006.01); **A63B 23/12** (2006.01)

CPC (source: EP US)

A61H 1/0281 (2013.01 - EP US); **A61H 1/0277** (2013.01 - EP US); **A61H 2201/1276** (2013.01 - EP US)

Cited by

CN106163482A

Designated contracting state (EPC)

AT CH DE FR GB LI

DOCDB simple family (publication)

WO 02055006 A1 20020718; AT E278373 T1 20041015; DE 10101214 A1 20020822; DE 10101214 C2 20021205; DE 50104047 D1 20041111;
EP 1351643 A1 20031015; EP 1351643 B1 20041006; JP 2004516908 A 20040610; US 2004067832 A1 20040408; US 6824498 B2 20041130

DOCDB simple family (application)

EP 0114339 W 20011206; AT 01273113 T 20011206; DE 10101214 A 20010111; DE 50104047 T 20011206; EP 01273113 A 20011206;
JP 2002555743 A 20011206; US 46633403 A 20030711