

Title (en)

APPARATUS FOR EXERCISING SHOULDER AND ELBOW JOINTS

Title (de)

VORRICHTUNG ZUM TRAINIEREN VON SCHULTER- UND KnieGELENKEN

Title (fr)

APPAREIL POUR EXERCER LES ARTICULATIONS DE L'ÉPAULE ET LE COUDE

Publication

EP 3162348 A4 20170705 (EN)

Application

EP 15810850 A 20150526

Priority

- ES 201430959 A 20140625
- ES 2015070408 W 20150526

Abstract (en)

[origin: EP3162348A1] The invention relates to an apparatus for exercising shoulder and elbow joints, said apparatus moving the arms, mainly, of people who suffer from ailments affecting the same, in such a way that moving the arms causes the reactivation of the blood circulation and thereby an improvement of the ailments, such that the apparatus comprises a box-like inner space housing a geared motor, the rotor of which is connected to a shaft projecting from the inner space, which is secured to a rotating plate with which a free rotating body, to be supported/gripped by the arm of the user, is associated in an eccentric position. In this way, when pressure is applied by the forearm or the free rotating body is gripped, the user transmits a soft movement to the body, moving the joints of the shoulder and the elbow, with the aim of reactivating the blood circulation and reducing or eliminating the ailments affecting said joints.

IPC 8 full level

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CPC (source: EP ES)

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Citation (search report)

- [I] JP 2002282389 A 20021002 - MATSUSHITA ELECTRIC IND CO LTD
- [A] US 2010076354 A1 20100325 - KELLY ROBERT A [US]
- [A] WO 2012075382 A1 20120607 - BOMBARD DAVID L [US]
- See references of WO 2015197894A1

Designated contracting state (EPC)

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Designated extension state (EPC)

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EP 3162348 A1 20170503; **EP 3162348 A4 20170705**; ES 2499815 A1 20140929; ES 2499815 B1 20150702; WO 2015197894 A1 20151230

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