

Title (en)  
APPARATUS FOR CLOSED KINETIC CHAIN MUSCLE STRENGTHENING AND/OR REHABILITATION OF THE SHOULDER JOINT AND OF THE UPPER LIMB

Title (de)  
VORRICHTUNG FÜR MUSKELKRÄFTIGUNG UND/ODER -REHABILITATION DES SCHULTERGELENKS UND DER OBEREN EXTREMITÄTEN IN GESCHLOSSENER BEWEGUNGSKETTE

Title (fr)  
APPAREIL DE RENFORCEMENT MUSCULAIRE ET/OU DE REEDUCATION DE L'ARTICULATION DE L'EPAULE ET DU MEMBRE SUPERIEUR EN CHAÎNE CINÉTIQUE FERMÉE

Publication  
**EP 2621340 A1 20130807 (FR)**

Application  
**EP 11764823 A 20110831**

Priority  
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• FR 2011051998 W 20110831

Abstract (en)  
[origin: WO2012045934A1] An apparatus (1) for closed kinetic chain muscle strengthening and/or rehabilitation of the shoulder joint and of the upper limb. It comprises means (2) for positioning the user or patient (H), a working assembly (3) comprising resisting means (30), allowing the user or patient (H) to exert efforts, support means (4) which connect the working assembly (3) to the positioning means (2), and which are fitted with adjusting means for positioning and orienting the working assembly (3) in space. The support means (4) and also the adjusting means are configured such that the resisting means (30) can be positioned, relative to the user or patient (H), above and laterally on the side of the limb to be worked, which is positioned outstretched, raised in the plane of the scapula until it is along the extension of the subcutaneous part of the spine of the scapula.

IPC 8 full level  
**A61B 5/22** (2006.01); **A61H 1/02** (2006.01); **A63B 23/12** (2006.01)

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Citation (search report)  
See references of WO 2012045934A1

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