

Title (en)  
MUSCLE AND/OR JOINT EXERCISE APPARATUS

Title (de)  
MUSKEL- UND/ODER GELENKTRAININGSVORRICHTUNG

Title (fr)  
APPAREIL D'EXERCICE MUSCULAIRE ET/OU ARTICULAIRE

Publication  
**EP 2370184 A2 20111005 (FR)**

Application  
**EP 09802163 A 20091211**

Priority  
• FR 2009052489 W 20091211  
• FR 0858483 A 20081211

Abstract (en)  
[origin: WO2010067034A2] The invention relates to a muscle and/or joint exercise apparatus (1) adapted for the reeducation and/or physical training of a portion of the body of a user, including: a hollow body (2); a mobile member (3) translatable inside the body; a motorisation means (5) provided on the bottom (21) of the body and adapted for driving and braking the movement of the mobile member in the two translation directions; a means (6) engagement between the body and a frame (B), said engagement means being provided on the bottom of the body and including: at least one hinge means (60) for the body on the frame, the hinge means providing at least one rotational degree of freedom for the body about a rotational axis; and a removable means (63) for mounting and dismounting said body, the removable means being adapted for the removable mounting of the body on a bearing (S) slidably mounted in the frame.

IPC 8 full level  
**A63B 21/005** (2006.01); **A63B 24/00** (2006.01)

CPC (source: EP US)  
**A63B 21/0058** (2013.01 - EP US); **A63B 24/0006** (2013.01 - EP US); **A63B 24/0075** (2013.01 - EP US); **A63B 71/0622** (2013.01 - EP US); **A63B 21/00181** (2013.01 - EP); **A63B 21/002** (2013.01 - EP); **A63B 2024/0012** (2013.01 - EP US); **A63B 2071/0625** (2013.01 - EP US); **A63B 2071/0655** (2013.01 - EP US); **A63B 2220/10** (2013.01 - EP US); **A63B 2220/20** (2013.01 - EP US); **A63B 2220/24** (2013.01 - EP US); **A63B 2220/30** (2013.01 - EP US); **A63B 2220/40** (2013.01 - EP US); **A63B 2220/51** (2013.01 - EP US); **A63B 2220/54** (2013.01 - EP US); **A63B 2220/62** (2013.01 - EP US); **A63B 2220/72** (2013.01 - EP US); **A63B 2220/74** (2013.01 - EP US); **A63B 2220/75** (2013.01 - EP US); **A63B 2225/20** (2013.01 - EP US); **A63B 2225/50** (2013.01 - EP US)

Citation (search report)  
See references of WO 2010067034A2

Cited by  
CN111726793A

Designated contracting state (EPC)  
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 SE SI SK SM TR

DOCDB simple family (publication)  
**WO 2010067034 A2 20100617**; **WO 2010067034 A3 20100902**; CA 2746440 A1 20100617; EP 2370184 A2 20111005; EP 2370184 B1 20130529; FR 2939687 A1 20100618; FR 2939687 B1 20160415; US 2011275480 A1 20111110; US 9005145 B2 20150414

DOCDB simple family (application)  
**FR 2009052489 W 20091211**; CA 2746440 A 20091211; EP 09802163 A 20091211; FR 0858483 A 20081211; US 200913132668 A 20091211