

Title (en)

GYMNASTIC AND REHABILITATION APPARATUS

Title (de)

GYMNASTIKS- UND REHABILITATIONSGERÄT

Title (fr)

APPAREIL DE GYMNASTIQUE ET DE REEDUCATION

Publication

EP 0788816 A1 19970813 (EN)

Application

EP 96914214 A 19960524

Priority

- ES 9600115 W 19960524
- ES 9501443 U 19950530

Abstract (en)

The gymnastic and rehabilitation apparatus operates as follows: one hand holds one end of a rope which passes over a pulley, and the other end of the rope supports the foot on the same body side as the hand. The same applies to the other body side. The user wears a harness to which are attached two ropes which, via pulleys, are connected to a movable counterweight which relieves weight from the user's body. The pulleys which support the feet and the hands are mounted on a roller bearing system about a round tube, and inside which the rope attached to the harness may slide. The counterweight may be provided with an electromechanical system which can eliminate part of the weight in the counterweight, and consequently the user can control more easily the operations of getting on the apparatus and coming down from the apparatus. In order to avoid any uncontrolled swinging of the apparatus, a pair of free ropes may be included as a vertical necklace, on which ropes rings can run. With the disclosed apparatus, the user literally floats in the space and is substantially free to move in any desired position. By selecting the level of difficulty of the motions, the apparatus can be used by users of all ages, to play with, or to use it for gymnastics and rehabilitation purposes. <IMAGE>

IPC 1-7

A63B 23/035

IPC 8 full level

A63B 23/035 (2006.01); **A63B 21/00** (2006.01); **A63B 21/06** (2006.01)

CPC (source: EP)

A63B 21/154 (2013.01); **A63B 23/03575** (2013.01); **A63B 7/02** (2013.01); **A63B 21/06** (2013.01); **A63B 2208/0285** (2013.01)

Citation (search report)

See references of WO 9638206A1

Cited by

CN104353224A; CN102512309A; CN112999589A; CN107913490A; CN106730623A

Designated contracting state (EPC)

DE FR GB IT

DOCDB simple family (publication)

WO 9638206 A1 19961205; EP 0788816 A1 19970813; ES 1031204 U 19951201; ES 1031204 Y 19960516

DOCDB simple family (application)

ES 9600115 W 19960524; EP 96914214 A 19960524; ES 9501443 U 19950530