

Title (en)  
TRAINING APPARATUS, IN PARTICULAR FOR CLIMBING

Title (de)  
ÜBUNGSGERÄT, INSBESONDERE FÜR DEN KLETTERSPO

Title (fr)  
APPAREIL D'ENTRAÎNEMENT, NOTAMMENT POUR L'ESCALADE

Publication  
**EP 3060320 A1 20160831 (DE)**

Application  
**EP 14808486 A 20141021**

Priority  
• IT BZ20130052 A 20131023  
• EP 2014002836 W 20141021

Abstract (en)  
[origin: WO2015058850A1] A training apparatus, in particular for climbing, which is fitted on a wall (1) or on a stationary structure and consists of a grip board (3) provided with grips (8) of different forms, which projects and/or are in the form of recesses and to which the athlete can hold tight, with arms outstretched, so that his body hangs down without touching the ground or the floor, wherein the grip board (3) provided with grips (8) is inserted in a carrier element such that it can be moved (3v) vertically on the wall (1), or on a fixed structure, and said carrier element (2) is provided with an element or a protruding flange (2d), which acts as a lower stop for the movable (3v) grip board (3), wherein springs (6) or elastic elements act between the fixed carrier element (2) and the grip board (3) with the grips (8), and said springs or elastic elements push or pull the grip board (3) upwards so that, in the absence of the athlete subjecting the grips (8) to loading, a position which is raised slightly in relation to the lower stop is assumed, and wherein the positions of the movable (3v) grip board (3) when subjected to loading and in the absence of loading are surveyed by means of a survey instrument (5), which is connected mechanically, electrically, hydraulically or pneumatically to the movable (3v) grip board (3).

IPC 8 full level  
**A63B 21/00** (2006.01); **A63B 21/068** (2006.01); **A63B 21/16** (2006.01); **A63B 23/035** (2006.01); **A63B 23/12** (2006.01); **A63B 69/00** (2006.01); **A63B 71/06** (2006.01)

CPC (source: EP US)  
**A63B 21/00047** (2013.01 - US); **A63B 23/12** (2013.01 - US); **A63B 69/0048** (2013.01 - EP US); **A63B 71/06** (2013.01 - EP US); **A63B 2071/0694** (2013.01 - EP US); **A63B 2220/801** (2013.01 - EP US); **A63B 2220/833** (2013.01 - EP US); **A63B 2225/50** (2013.01 - EP US)

Citation (search report)  
See references of WO 2015058850A1

Cited by  
IT202000011191A1

Designated contracting state (EPC)  
AL 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 RS SE SI SK SM TR

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
**WO 2015058850 A1 20150430**; EP 3060320 A1 20160831; EP 3060320 B1 20170913; IT BZ20130052 A1 20150424; JP 2016533807 A 20161104; JP 6470276 B2 20190213; US 2016243422 A1 20160825; US 9855478 B2 20180102

DOCDB simple family (application)  
**EP 2014002836 W 20141021**; EP 14808486 A 20141021; IT BZ20130052 A 20131023; JP 2016526151 A 20141021; US 201415030642 A 20141021