

Title (en)

TRAINING DEVICE FOR SIMULATING VERTICAL CLIMBING

Title (de)

TRAININGSVORRICHTUNG ZUR SIMULATION DES VERTIKALEN KLETTERNS

Title (fr)

ÉQUIPEMENT D'EXERCICE POUR LA SIMULATION D'ESCALADE VERTICALE

Publication

**EP 3470121 A4 20200115 (EN)**

Application

**EP 17810610 A 20170608**

Priority

- MX 2016000238 U 20160610
- MX 2017050008 W 20170608

Abstract (en)

[origin: EP3470121A1] A vertical climbing simulation equipment that has an intensity regulation system that allows the resistance of the routines carried out in it to be graduated, and that also has a mechanism that allows to vary the angle of inclination of its pedals in order to be coupled to the natural angle of the user ankles.

IPC 8 full level

**A63B 22/12** (2006.01); **A63B 21/00** (2006.01); **A63B 21/008** (2006.01); **A63B 21/018** (2006.01); **A63B 22/00** (2006.01); **A63B 22/20** (2006.01); **A63B 23/035** (2006.01); **A63B 69/00** (2006.01)

CPC (source: EP KR RU US)

**A63B 21/008** (2013.01 - KR US); **A63B 21/0083** (2013.01 - EP); **A63B 21/018** (2013.01 - EP); **A63B 21/4045** (2015.10 - EP US); **A63B 22/00** (2013.01 - RU); **A63B 22/001** (2013.01 - EP); **A63B 22/0066** (2015.10 - EP); **A63B 22/205** (2013.01 - EP); **A63B 23/03516** (2013.01 - EP); **A63B 23/03583** (2013.01 - EP); **A63B 23/03591** (2013.01 - EP US); **A63B 69/0048** (2013.01 - EP KR); **A63B 21/4033** (2015.10 - EP US); **A63B 23/03575** (2013.01 - US); **A63B 222/0043** (2013.01 - EP); **A63B 2208/0228** (2013.01 - EP US); **A63B 2210/50** (2013.01 - EP)

Citation (search report)

- [Y] CN 201394310 Y 20100203 - XIAMEN ZHOULONG SPORTS EQUIPMENT CO LTD
- [Y] EP 2944356 A1 20151118 - MERCENARI URIBE FERNANDO HUMBERTO [MX]
- [Y] US 4982952 A 19910108 - WANG SHUI-MU [TW]
- [Y] US 5928115 A 19990727 - ARROYO JR JOE [US]
- See references of WO 2017213488A1

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US11298587B2; US11484750B2

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

DOCDB simple family (publication)

**EP 3470121 A1 20190417**; **EP 3470121 A4 20200115**; CA 3030702 A1 20171214; CO 2019000066 A2 20190118; KR 20190027816 A 20190315; RU 191861 U1 20190826; US 2019160331 A1 20190530; UY 4650 U 20180131; WO 2017213488 A1 20171214

DOCDB simple family (application)

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