

Title (en)
EXERCISE MACHINE

Title (de)
ÜBUNGSMASCHINE

Title (fr)
MACHINE D'EXERCICE

Publication
EP 3442676 A1 20190220 (EN)

Application
EP 16898815 A 20160414

Priority
US 2016027548 W 20160414

Abstract (en)
[origin: WO2017180130A1] An exercise apparatus includes foot docking station comprising a base plate pivotally fixed to a back plate at a hinge. The back plate includes a central pivot rotationally fixed with a foot plate that includes a shin engagement mechanism for engaging the shins of the person. The foot docking station further includes a first receiver for engaging a lower bench. At least one distal leg is fixed with the lower bench at a rotational leg mount, the lower bench including a second receiver for engaging an upper bench. At least one proximal leg is fixed with the upper bench at another rotational leg mount. A top side of the upper bench includes a track upon which a bench trolley slides. The bench trolley includes at least one cushion, a pair of laterally extending handles, and at least a first pair of wheels that engage the track.

IPC 8 full level
A63B 23/02 (2006.01); **A63B 23/00** (2006.01)

CPC (source: EP KR)
A63B 21/0622 (2015.10 - KR); **A63B 21/068** (2013.01 - EP KR); **A63B 21/1654** (2013.01 - EP KR); **A63B 21/4011** (2015.10 - EP KR); **A63B 21/4039** (2015.10 - EP KR); **A63B 21/4045** (2015.10 - KR); **A63B 21/4047** (2015.10 - EP KR); **A63B 21/4049** (2015.10 - EP KR); **A63B 23/0211** (2013.01 - EP KR); **A63B 71/0036** (2013.01 - KR); **A63B 21/0622** (2015.10 - EP); **A63B 21/4029** (2015.10 - EP); **A63B 21/4031** (2015.10 - EP); **A63B 71/0036** (2013.01 - EP); **A63B 2023/003** (2013.01 - EP); **A63B 2071/026** (2013.01 - EP KR); **A63B 2208/0247** (2013.01 - EP KR); **A63B 2208/0266** (2013.01 - EP KR); **A63B 2225/09** (2013.01 - EP); **A63B 2225/093** (2013.01 - EP KR)

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 2017180130 A1 20171019; AU 2016402341 A1 20181004; BR 112018070944 A2 20190129; CA 3018707 A1 20171019; CA 3018707 C 20230808; CN 108883331 A 20181123; CN 108883331 B 20200605; EP 3442676 A1 20190220; EP 3442676 A4 20200401; HK 1256929 A1 20191004; JP 2019511300 A 20190425; JP 6688904 B2 20200428; KR 20180133432 A 20181214; MX 2018012551 A 20190213

DOCDB simple family (application)
US 2016027548 W 20160414; AU 2016402341 A 20160414; BR 112018070944 A 20160414; CA 3018707 A 20160414; CN 201680084463 A 20160414; EP 16898815 A 20160414; HK 18116056 A 20181213; JP 2018550391 A 20160414; KR 20187030906 A 20160414; MX 2018012551 A 20160414