

Title (en)
EXERCISE APPARATUS HAVING CYLINDRICAL FRAME MEMBER

Title (de)
TRAININGSGERÄT MIT EINEM ZYLINDRISCHEN RAHMENTEIL

Title (fr)
APPAREIL D'EXERCICE AYANT UN ÉLÉMENT DE CADRE CYLINDRIQUE

Publication
EP 4048416 A1 20220831 (EN)

Application
EP 20878108 A 20200714

Priority

- US 201916659299 A 20191021
- US 2020041918 W 20200714

Abstract (en)
[origin: WO2021080657A1] An exercise apparatus of the present technology may include a cylindrical shaped first frame member that defines a substantially cylindrical first frame portion. The cylindrical shaped first frame member/portion may have an exterior surface, an interior surface, a first radius between the interior surface and the center of the cylindrical shape, a second radius between the exterior surface and the center of the cylindrical shape, and a thickness as the difference between the first radius and the second radius. The exercise apparatus of the present technology that includes the cylindrical first frame member may include different sizes of frame members, for example cylindrical portions having a different length along the center axis of the cylinder, in order to achieve different weights for the exercise apparatus.

IPC 8 full level
A63B 21/072 (2006.01); **A63B 21/06** (2006.01); **A63B 23/12** (2006.01)

CPC (source: EP GB)
A63B 21/072 (2013.01 - EP GB); **A63B 21/4035** (2015.10 - EP GB); **A63B 2209/00** (2013.01 - EP GB); **A63B 2210/50** (2013.01 - EP)

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 2021080657 A1 20210429; AU 2020369783 A1 20220602; BR 112022007518 A2 20220712; CA 3157176 A1 20210429; EP 4048416 A1 20220831; EP 4048416 A4 20231122; GB 202207514 D0 20220706; GB 2605294 A 20220928; JP 2023507045 A 20230220; MX 2022004807 A 20220713

DOCDB simple family (application)
US 2020041918 W 20200714; AU 2020369783 A 20200714; BR 112022007518 A 20200714; CA 3157176 A 20200714; EP 20878108 A 20200714; GB 202207514 A 20200714; JP 2022550646 A 20200714; MX 2022004807 A 20200714