

Title (en)
ISOMETRIC EXERCISE MACHINE

Title (de)
ISOMETRISCHE TRAININGSMASCHINE

Title (fr)
MACHINE D'EXERCICE ISOMÉTRIQUE

Publication
EP 4176940 A1 20230510 (EN)

Application
EP 22815414 A 20220530

Priority
• ES 202131109 U 20210531
• ES 2022070329 W 20220530

Abstract (en)
Machine comprising a base structure (2) stably supported on the floor and an upright gantry structure (3) above the base structure (2) and at least one seat (4) with a backrest (5) in an area between a rear area (2c) and a central area (2b) of the base structure (2), wherein the machine (1) is provided with at least one triaxial sensor positioned on at least one projecting element (7), and furthermore, the backrest (5) of the seat (4) is provided with at least one armrest (8) and the seat (4) is provided with at least one single restraint system (10). The restraint systems incorporated in the seat and backrest of the machine of the invention, allow the posture of the user to be corrected and the correct position to be ensured during the performance of the exercises, avoiding future injuries and reinforcing the accessibility of the machine of the invention to all types of users.

IPC 8 full level
A63B 21/002 (2006.01)

CPC (source: EP)
A63B 21/0023 (2013.01); **A63B 21/4029** (2015.10); **A63B 21/4031** (2015.10); **A63B 21/4035** (2015.10); **A63B 1/00** (2013.01); **A63B 2024/0068** (2013.01); **A63B 2071/065** (2013.01); **A63B 2210/58** (2013.01); **A63B 2220/51** (2013.01); **A63B 2220/833** (2013.01); **A63B 2225/093** (2013.01)

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

Designated validation state (EPC)
KH MA MD TN

DOCDB simple family (publication)
EP 4176940 A1 20230510; **EP 4176940 A4 20231213**; **EP 4176940 B1 20240327**; ES 1274180 U 20210716; ES 1274180 Y 20211019; ES 2978135 T3 20240905; PT 4176940 T 20240702; WO 2022254065 A1 20221208

DOCDB simple family (application)
EP 22815414 A 20220530; ES 202131109 U 20210531; ES 2022070329 W 20220530; ES 22815414 T 20220530; PT 22815414 T 20220530