

Title (en)
WEIGHT MACHINE

Title (de)
KRAFTGERÄT

Title (fr)
APPAREIL DE PRODUCTION DE FORCE

Publication
EP 3743171 A1 20201202 (DE)

Application
EP 18810936 A 20181116

Priority

- DE 102017010648 A 20171117
- DE 102018001153 A 20180214
- EP 2018081642 W 20181116

Abstract (en)

[origin: WO2019097027A1] An improved weight machine is distinguished, at least to some extent, by the following features: - having a housing (20), a housing frame (141), an inner supporting structure (145) and/or an inner framework (145, 150), - having a rotatable flywheel mass (13), which is mounted in the housing (20), on the housing frame (141), on the inner supporting structure (145) or on the inner framework (145, 150), - the flywheel mass (13) is fitted on a shaft (12) or is seated on a shaft (12), - having a flexible tension element (3), - the flexible tension element (3) is fastened on the shaft (12) or a coil (95), which is mounted on a freewheel bearing (94), which is prestressed in the rolling-up direction of the tension element (3) by means of a spring arrangement (96).

IPC 8 full level
A63B 21/00 (2006.01); **A63B 21/005** (2006.01); **A63B 21/008** (2006.01); **A63B 21/02** (2006.01); **A63B 21/16** (2006.01); **A63B 21/22** (2006.01)

CPC (source: EP US)
A63B 21/00043 (2013.01 - EP); **A63B 21/0051** (2013.01 - EP US); **A63B 21/153** (2013.01 - EP US); **A63B 21/16** (2013.01 - EP); **A63B 21/1663** (2013.01 - US); **A63B 21/169** (2015.10 - EP US); **A63B 21/225** (2013.01 - EP US); **A63B 21/227** (2013.01 - US); **A63B 21/4035** (2015.10 - EP US); **A63B 21/015** (2013.01 - EP); **A63B 21/1663** (2013.01 - EP); **A63B 21/4043** (2015.10 - EP); **A63B 23/03508** (2013.01 - EP); **A63B 23/03525** (2013.01 - EP); **A63B 23/03575** (2013.01 - EP); **A63B 222/0079** (2013.01 - EP); **A63B 2071/0625** (2013.01 - US); **A63B 2208/0204** (2013.01 - EP); **A63B 2208/0228** (2013.01 - EP); **A63B 2208/0238** (2013.01 - EP); **A63B 2209/08** (2013.01 - EP); **A63B 2210/50** (2013.01 - EP US); **A63B 2220/833** (2013.01 - US); **A63B 2225/09** (2013.01 - EP); **A63B 2225/20** (2013.01 - EP US); **A63B 2225/50** (2013.01 - EP); **A63B 2225/685** (2013.01 - US)

Citation (search report)
See references of WO 2019097027A1

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 2019097027 A1 20190523; DE 202018006594 U1 20211027; DE 202018006626 U1 20211026; EP 3743171 A1 20201202; US 2021244995 A1 20210812

DOCDB simple family (application)
EP 2018081642 W 20181116; DE 202018006594 U 20181116; DE 202018006626 U 20181116; EP 18810936 A 20181116; US 201816765088 A 20181116