

Title (en)  
STATIONARY EXERCISE DEVICE

Title (de)  
STATIONÄRE ÜBUNGSVORRICHTUNG

Title (fr)  
DISPOSITIF D'EXERCICE STATIONNAIRE

Publication  
**EP 3679995 B1 20210721 (EN)**

Application  
**EP 19151626 A 20190114**

Priority  
EP 19151626 A 20190114

Abstract (en)  
[origin: EP3679995A1] A stationary exercise device with a driving assembly with a driving wheel rotating around a driving axle, a first and a second crank each connected to the driving wheel and two pedals, each connected to one of the cranks, a flywheel connected to the driving assembly by at least one gear mechanism, a brake assembly for applying a braking force to the flywheel, at least one measuring device for measuring the position of the first and second crank is provided, wherein a detection device detects several time intervals, in each of which the flywheel is displaced a predetermined angle, said detection device further detects time differences between at least two of the time intervals, wherein a control device determines, through dependence of the time differences between at least two of the time intervals, a torque at the driving wheel or a value dependent on the torque at the driving wheel.

IPC 8 full level  
**A63B 71/06** (2006.01); **A63B 21/00** (2006.01); **A63B 21/005** (2006.01); **A63B 21/22** (2006.01); **A63B 22/06** (2006.01); **A63B 23/04** (2006.01); **A63B 24/00** (2006.01)

CPC (source: EP US)  
**A63B 21/00178** (2013.01 - EP US); **A63B 21/0051** (2013.01 - EP US); **A63B 21/0053** (2013.01 - EP US); **A63B 21/225** (2013.01 - EP US); **A63B 21/4034** (2015.10 - US); **A63B 22/06** (2013.01 - EP); **A63B 22/0605** (2013.01 - EP US); **A63B 23/0476** (2013.01 - EP US); **A63B 24/0062** (2013.01 - EP); **A63B 24/0087** (2013.01 - EP US); **A63B 71/0619** (2013.01 - US); **A63B 71/0622** (2013.01 - EP); **A63B 2024/0078** (2013.01 - EP); **A63B 2024/009** (2013.01 - EP US); **A63B 2024/0093** (2013.01 - EP US); **A63B 2071/0652** (2013.01 - EP); **A63B 2220/34** (2013.01 - EP); **A63B 2220/54** (2013.01 - EP US); **A63B 2220/62** (2013.01 - EP US)

Designated contracting state (EPC)  
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**EP 3679995 A1 20200715**; **EP 3679995 B1 20210721**; CN 113226495 A 20210806; CN 113226495 B 20220809; US 2022080244 A1 20220317; WO 2020147990 A1 20200723

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