

Title (en)

DEVICE FOR ASSISTING THE MOVEMENT OF A LOAD

Title (de)

VORRICHTUNG ZUR UNTERSTÜTZUNG DER BEWEGUNG EINER LAST

Title (fr)

DISPOSITIF D'AIDE AU DEPLACEMENT D'UNE CHARGE

Publication

**EP 4251503 A1 20231004 (FR)**

Application

**EP 21823501 A 20211129**

Priority

- FR 2012423 A 20201130
- EP 2021083308 W 20211129

Abstract (en)

[origin: WO2022112547A1] The invention relates to a device (10) for assisting the movement of the load (12) on a surface (14), the device (10) comprising: - a monocycle gyropod (16) equipped with a motorised wheel (18) intended to roll on the surface (14), a frame (22) and at least one gyroscopic sensor (24) enabling an inclination of the frame (22) to be measured, the gyroscopic sensor (24) controlling the motorisation of the wheel (18), - two lateral supports (28, 30) connected to the frame (22) and able to move on the surface (14), - a braking mechanism for each of the two lateral supports (28, 30), configured to brake the movement of the lateral support (28, 30) in question on the surface (14) according to a reaction force exerted by the surface (14) on the lateral support (28, 30) in question.

IPC 8 full level

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CPC (source: EP US)

**B62J 45/4151** (2020.02 - US); **B62K 1/00** (2013.01 - EP); **B62L 1/00** (2013.01 - US); **B62M 7/12** (2013.01 - US)

Citation (search report)

See references of WO 2022112547A1

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