

Title (en)

ROLLING DEVICE ADAPTED TO ROLL ON A GROUND SURFACE

Title (de)

ROLLVORRICHTUNG ZUM ROLLEN AUF EINER BODENOBERFLÄCHE

Title (fr)

DISPOSITIF ROULANT ADAPTÉ À ROULER SUR UN SOL

Publication

**EP 3827502 A1 20210602 (FR)**

Application

**EP 19737151 A 20190712**

Priority

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Abstract (en)

[origin: WO2020020673A1] A rolling device adapted to roll on a ground surface, comprising at least one motorised wheel (1) comprising a circular stator (2) and a circular rotor (3). The stator (2) comprises a circular slot and a plurality of electromagnetic coils (16) located in the circular slot so that at least two electromagnetic coils (16) are arranged facing one another. The circular rotor (3) comprises a circular strip (45) having side walls and a free end edge connecting the side walls, as well as a contact surface with the ground, said circular strip comprising magnetic elements arranged on the side walls thereof. The circular rotor (3) and the circular stator (2) are assembled by means of assembly means (17) provided on the circular stator (2).

IPC 8 full level

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CPC (source: EP KR US)

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