Title (en)

ELECTROMAGNETIC DRIVE MECHANISM FOR A GARAGE DOOR

Title (de)

ELEKTROMECHANISCHER GARAGENTORANTRIEB

Title (fr)

MECANISME D'ENTRAINEMENT ELECTROMECANIQUE POUR PORTE DE GARAGE

Publication

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Application

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Abstract (en)

[origin: DE19808696A1] The present invention relates to an electromagnetic drive mechanism for a garage door, wherein said mechanism comprises the following members: a guiding rail (4, 5) mounted on the ceiling portion of the garage; a drive unit (6) which comprises a carriage and a drive motor and which is connected to the door (1) through an articulated rod (7); and a chain (35) which is parallel to the guiding rail and attached thereto and which is meshing with the motor. The power supply of the motor is ensured by the guiding rail (4) and by a power supply member which is parallel to said guiding rail, wherein said power supply member is formed by the rail (4) which is mounted on the ceiling and intended for receiving the door (1). The chain (35) is attached rigidly to one end of the rail mounted on the ceiling. At its other end (Fig. 6), the chain is clipped into said ceiling-mounted rail (4) and is provided with clamping members (41, 42, 44). The chain (35) is also part of the power supply member.

IPC 1-7

E05F 15/16

IPC 8 full level

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CPC (source: EP)

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