

Title (en)

MOTOR DRIVEN OR HAND DRIVEN UP-AND-OVER DOOR OR SECTIONAL DOOR

Title (de)

MOTOR- ODER HANDBETRIEBENES KIPP- ODER SEKTIONALTOR

Title (fr)

PORTE BASCULANTE OU SECTIONNEE A ACTIONNEMENT MOTORISE OU MANUEL

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Application

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Abstract (en)

[origin: WO0005472A2] The invention relates to a motor driven or hand-driven up-and-over door or sectional door comprising the following: at least one closing element (5; 5A to 5D) for closing a door opening (3) in the closed position of the at least one closing element; a preferably single-track guide rail consisting of a vertical section (7A), a bent section (7C) and a horizontal section (7B); guiding elements (6) such as guide rollers (6A to 6A) which are guided in the guide rail (7) and which are fixed to the at least one closing element; and a counterweight device (50) which is located on the horizontal section (7B) and which consists of a torsion spring system (52) and a traction mechanism (51). A traction cable (51A) acts upon the at least one closing element (5) at one end and on a cable drum (51B) at the other end, said cable drum being drive-connected to the torsion spring system (52), providing precise, tilt-free guiding between the counterweight device and the guide rail.

IPC 1-7

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IPC 8 full level

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IPC 8 main group level

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