

Title (en)

GUIDING RAIL FOR GUIDING A DOOR WING BETWEEN AN OPEN POSITION AND A CLOSED POSITION DOOR OPENING IN A WALL

Title (de)

FÜHRUNGSSCHIENE ZUM FÜHREN EINES TÜRFLÜGELS ZWISCHEN EINER OFFENPOSITION UND EINER SCHLIESSPOSITION BZGL. EINER TÜRÖFFNUNG IN EINER WAND

Title (fr)

RAIL DE GUIDAGE PERMETTANT LE GUIDAGE D'UN BATTANT DE PORTE ENTRE UNE POSITION D'OUVERTURE OU UNE POSITION DE FERMETURE D'UNE OUVERTURE POUR PORTE DANS UN MUR

Publication

EP 3460158 B1 20211110 (DE)

Application

EP 17193023 A 20170925

Priority

EP 17193023 A 20170925

Abstract (en)

[origin: US2019093406A1] A guiding rail for guiding a door leaf between an opening position and a closing position in relation to a door opening in a wall includes: at least one guiding section with a guiding compartment, in which a sliding element is accommodated to be movable, wherein the guiding section includes a guiding opening, through which a bearing axis of the sliding element exits at least partially from the guiding compartment, at which axis a lever element is supportable to be rotationally movable, in order to establish an operative connection between the sliding element and the door leaf. The guiding rail further includes at least one functional section with a functional compartment, in which a transmission means is receivable, which serves for transferring electrical energy and/or data between at least a wall-sided energy source and a door leaf-sided energy recipient and a labyrinth guide between the guiding and functional compartments.

IPC 8 full level

E05F 3/22 (2006.01)

CPC (source: CN EP US)

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Citation (examination)

- EP 0764752 A2 19970326 - GEZE GMBH & CO [DE]
- EP 3064688 A1 20160907 - DORMA DEUTSCHLAND GMBH [DE]

Designated contracting state (EPC)

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