

Title (en)

Operating assembly for use with automatic sliding and folding doors

Title (de)

Betätigungsanordnung zur Verwendung mit automatischen Schiebe- und Falttüren

Title (fr)

Ensemble d'actionnement destiné à être utilisé avec des portes coulissantes et pliables automatiques

Publication

EP 2754827 A2 20140716 (EN)

Application

EP 14151187 A 20140114

Priority

US 201313741828 A 20130115

Abstract (en)

An operating assembly for use with a door is disclosed. The operating assembly has a motor (68) housed in an enclosure (8) that is positioned in a floor cavity. The motor rotates a drive spindle (18). An actuator assembly is attached to the floor. An actuator track (86) is attached to the enclosure and has a slot configured to receive at least a portion of the drive spindle. A first converter (88) is positioned at one end of the actuator track and is coupled to the drive spindle. A second converter is positioned at the other end of the actuator track. A drive element attached to a bottom surface of the door is positioned in the track. A transfer device (90) couples the first and second converters to the drive element. During operation, the motor rotates the drive spindle and the first converter to move the transfer device to move the drive element and the door.

IPC 8 full level

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CPC (source: EP)

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Cited by

EP3015634A1; DE102020113755A1; WO2021233624A1; DE102020113755B4; DE102020113769A1; WO2021233623A1; DE102020113769B4

Designated contracting state (EPC)

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Designated extension state (EPC)

BA ME

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