

Title (en)

Guide profile for an automatic sliding door assembly and sliding door assemblies fitted with same

Title (de)

Führungsprofil für eine automatische Schiebetüranlage und damit ausgestattete Schiebetüranlagen

Title (fr)

Profil de guidage pour une installation de porte coulissante automatique et installations de porte coulissante en étant équipées

Publication

EP 2476849 A3 20150318 (DE)

Application

EP 11009498 A 20111201

Priority

DE 102011000154 A 20110114

Abstract (en)

[origin: EP2476849A2] The profile (110) has accommodating chambers (116, 117) between which a recess (111) and a through-hole (112) are arranged. One of the chambers movably accommodates a rotor (102) of a linear motor along a preset traverse path and fixedly accommodates a stator of the linear motor. The other chamber fixedly accommodates a linear motor-controller (103) for electromagnetic interaction of the rotor and stator. The recess and through-hole enable outward mechanically protected placement of energy- and/or supply lines (104) i.e. cables, that are coupled between the rotor or stator and controller. An independent claim is also included for a sliding door system.

IPC 1-7

E05F 15/18

IPC 8 full level

E05F 15/60 (2015.01); **E05D 15/06** (2006.01); **E05D 15/18** (2006.01)

CPC (source: EP)

E05D 15/0652 (2013.01); **E05D 15/08** (2013.01); **E05F 15/60** (2015.01); **E05Y 2400/415** (2013.01); **E05Y 2400/654** (2013.01); **E05Y 2600/628** (2013.01); **E05Y 2900/531** (2013.01)

Citation (search report)

- [X] US 5134324 A 19920728 - SAKAGAMI SHIGERU [JP], et al
- [I] EP 2025847 A2 20090218 - DORMA GMBH & CO KG [DE]
- [A] DE 102007038841 A1 20090219 - DORMA GMBH & CO KG [DE]

Cited by

CN108179945A; US10982480B2; CN109723312A; US11591839B2; EP3460158A1; US10876342B2; EP3702569A4; JP2021500497A; WO2019149027A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

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