

Title (en)
Fire-retardant sliding door and method for operating same

Title (de)
Brandschutzschiebetür und Betriebsverfahren hierfür

Title (fr)
Porte coulissante anti-feu et procédé de fonctionnement associé

Publication
EP 2400104 B1 20211006 (DE)

Application
EP 11169153 A 20110608

Priority
DE 102010024755 A 20100623

Abstract (en)
[origin: EP2400104A2] The door (10) has a sliding door wing (12) displaceable within a sliding door guide (16) between open and closing positions along horizontal direction. A door drive (26) drives door movement along opening and closing directions. A normal actuator (38) is provided for automatic actuation of the drive in normal operation. An escape door function actuator (42) allows a person to operate the drive during emergency operation to implement opening and closing cycles of the door wing from the closing position that is initiated by a fire protection function device (40). An independent claim is also included for a method for operating a fire protection sliding door.

IPC 8 full level
E05F 15/632 (2015.01); **E05F 15/72** (2015.01); **E06B 5/16** (2006.01)

CPC (source: EP US)
E05F 15/632 (2015.01 - EP US); **E05F 15/72** (2015.01 - EP US); **E06B 5/16** (2013.01 - EP US); **E05Y 2201/41** (2013.01 - EP); **E05Y 2400/45** (2013.01 - EP); **E05Y 2400/612** (2013.01 - EP); **E05Y 2900/134** (2013.01 - EP US)

Citation (opposition)
Opponent : dormakaba Deutschland GmbH
• DE 10155725 A1 20030522 - GEZE GMBH [DE]
• DE 3826718 A1 19890216 - YOSHIDA KOGYO KK [JP]
• DE 102005002048 A1 20060914 - DORMA GMBH & CO KG [DE]
• DE 4028190 A1 19920312 - DORMA GMBH & CO KG [DE]
• DE 20012203 U1 20001012 - EFA ENTWICKLUNG UND FERTIGUNG [DE]
• DE 19641592 A1 19980416 - GEZE GMBH & CO [DE]
• DEUTSCHE NORM: "DIN EN 16034 Fenster, Türen und Tore -Produktnorm, Leistungseigenschaften -Feuer- und/oder Rauchschutzeigenschaften; Deutsche Fassung pr EN 16034:2009", vol. DIN EN 16034, 1 January 2010 (2010-01-01), pages 1 - 39, XP055943054
• ÖNORM: "ÖNORM B 3852 Feuerschutzabschlüsse -Hub-, Hubglieder-, Kipp-, Roll-, Schiebe- und Falttüren und -tore", vol. B 3852, 5 February 2017 (2017-02-05), pages 1 - 7, XP055943053

Cited by
EP3388607A1; US9217272B2; ITUA20162014A1; EP3575531A1; EP3130736A1; EP3067504A1; EP3971931A1; EP3258045A1; EP3418482A1; CN109098610A; EP3792437A1; EP3067504B1

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

DOCDB simple family (publication)
EP 2400104 A2 20111228; EP 2400104 A3 20140709; EP 2400104 B1 20211006; DE 102010024755 A1 20111229;
DE 102010024755 B4 20180104

DOCDB simple family (application)
EP 11169153 A 20110608; DE 102010024755 A 20100623