

Title (en)
SLIDE AND TURN DOOR ASSEMBLY AND SUPPORT MECHANISM THEREFOR

Title (de)
SCHIEBE- UND DREHTÜRANORDNUNG UND TRÄGERMECHANISMUS DAFÜR

Title (fr)
ENSEMBLE DE PORTE QUI COULISSE ET TOURNE ET SON MÉCANISME DE SUPPORT

Publication
EP 3075938 A1 20161005 (EN)

Application
EP 16160241 A 20160314

Priority
GB 201504303 A 20150313

Abstract (en)
The invention relates to a slide and turn door assembly, and to a support mechanism therefor. There is provided a slide and turn door assembly for an opening (4) having a top edge (5) and a bottom edge (6), the assembly comprising a first door panel (1) mounted for hinged movement relative to the top and bottom edges and a second door panel (2) mounted for translational movement relative to the top and bottom edges and for swinging movement relative to the top and bottom edges. The second door panel (2) has a captive edge (12) and a free edge (14), and has a first set of rollers (24) for the captive edge and a second set of rollers (40) for the free edge, the respective sets of rollers supporting the second door panel as it moves translationally relative to the top and bottom edges.

IPC 8 full level
E06B 3/92 (2006.01); **E05D 15/06** (2006.01); **E05D 15/58** (2006.01)

CPC (source: EP)
E05D 15/0665 (2013.01); **E05D 15/58** (2013.01); **E06B 3/5072** (2013.01); **E06B 3/509** (2013.01); **E05Y 2201/64** (2013.01); **E05Y 2900/15** (2013.01)

Citation (search report)

- [XAYI] WO 2009141494 A1 20091126 - VEIJALAINEN PANU [FI], et al
- [XI] US 2011094161 A1 20110428 - REES ALAN [US]
- [Y] DE 102010037604 A1 20110922 - DORMA GMBH & CO KG [DE]
- [Y] WO 2011135131 A1 20111103 - C3 SYSTEMS S L [ES], et al

Cited by
EP3315700A1; CN110638228A; CN114033282A; US2024093546A1; EP4105423A1; US11098511B2; US11959321B2; US11098514B2; US11603694B2; US11702876B2

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)
EP 3075938 A1 20161005; EP 3075938 B1 20200812; GB 201504303 D0 20150429

DOCDB simple family (application)
EP 16160241 A 20160314; GB 201504303 A 20150313