

Title (en)
LIFTING DOOR HAVING A MOVABLE DOOR-LEAF GUIDE

Title (de)
HUBTOR MIT EINER BEWEGLICHEN TORBLATTFÜHRUNG

Title (fr)
PORTE RELEVANTE MUNIE D'UN GUIDAGE MOBILE DE VANTAIL

Publication
EP 2539528 A1 20130102 (DE)

Application
EP 11701014 A 20110119

Priority
• DE 102010000556 A 20100225
• EP 2011000202 W 20110119

Abstract (en)
[origin: CA2789546A1] The invention relates to a lifting door (1), comprising a movable door leaf (6) formed by slats (61) pivotably connected to each other and comprising building-mounted frames (2). Lateral guides (3) for the door leaf (6), which have a vertical section (32) and a lintel section (31), and frame sealing elements (51) of a sealing device (5) are arranged thereon. The frame sealing elements close a gap between the door leaf (6) and a section of the frames (2) facing the door opening when the lifting door (1) is closed. The vertical sections (32) of the guides (3) can be moved perpendicularly to the door leaf plane and are supported on the frames (2) in a stationary manner in the direction of motion of the door leaf (6; 6'), whereby the door leaf (6) can be pressed against the sealing device (5) in the direction of the outside of the door when the lifting door (1) is closed. The invention further relates to a frame (2), a guide (3), and a corresponding method. Thus an improved sealing effect between the door leaf (6) and the door opening can be created, wherein at the same time high reliability during operation is achieved and high motion speeds are enabled.

IPC 8 full level
E06B 9/15 (2006.01); **E05D 15/24** (2006.01); **E06B 9/58** (2006.01)

CPC (source: EP KR US)
E05D 15/24 (2013.01 - KR); **E06B 9/0638** (2013.01 - EP); **E06B 9/15** (2013.01 - EP KR US); **E06B 9/58** (2013.01 - EP KR US); **E06B 7/16** (2013.01 - US); **E06B 9/92** (2013.01 - US); **E06B 2009/0684** (2013.01 - EP); **E06B 2009/588** (2013.01 - EP US)

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)
DE 102010000556 A1 20110825; AU 2011220139 A1 20120906; AU 2011220139 B2 20150514; BR 112012021385 A2 20170418; BR 112012021385 B1 20191217; CA 2789546 A1 20110901; CA 2789546 C 20151124; CN 102782240 A 20121114; CN 102782240 B 20150805; DK 2539528 T3 20160125; EA 023482 B1 20160630; EA 201290674 A1 20130430; EP 2539528 A1 20130102; EP 2539528 B1 20151021; ES 2554641 T3 20151222; HU E026868 T2 20160829; IL 221387 A0 20121031; IL 221387 A 20160421; JP 2013520589 A 20130606; JP 5579875 B2 20140827; KR 101520253 B1 20150513; KR 20120125508 A 20121115; MX 2012009773 A 20130227; PL 2539528 T3 20160429; PT 2539528 E 20160223; SI 2539528 T1 20160229; US 2012312483 A1 20121213; US 9097062 B2 20150804; WO 2011103946 A1 20110901

DOCDB simple family (application)
DE 102010000556 A 20100225; AU 2011220139 A 20110119; BR 112012021385 A 20110119; CA 2789546 A 20110119; CN 201180011466 A 20110119; DK 11701014 T 20110119; EA 201290674 A 20110119; EP 11701014 A 20110119; EP 2011000202 W 20110119; ES 11701014 T 20110119; HU E11701014 A 20110119; IL 22138712 A 20120809; JP 2012554234 A 20110119; KR 20127022544 A 20110119; MX 2012009773 A 20110119; PL 11701014 T 20110119; PT 11701014 T 20110119; SI 201130701 T 20110119; US 201113580592 A 20110119