

Title (en)

GLASS DOOR WING THAT CAN PIVOT ABOUT AN UPPER AND LOWER TRUNNION

Title (de)

UM EINEN OBEREN UND EINEN UNTEREN DREHZAPFEN SCHWENKBARER GLASTÜRFLÜGEL

Title (fr)

BATTANT DE PORTE EN VERRE POUVANT PIVOTER AUTOUR D'UN TOURILLON SUPERIEUR ET D'UN TOURILLON INFERIEUR

Publication

EP 1766170 A1 20070328 (DE)

Application

EP 05763026 A 20050627

Priority

- EP 2005006895 W 20050627
- DE 102004032628 A 20040705

Abstract (en)

[origin: WO2006002848A1] The invention relates to a glass door wing that can pivot about an upper trunnion and a lower trunnion. The glass door wing has wing profiles, which form the upper and lower termination of a glass pane, and has a door closer, which is mounted in the upper wing profile in a concealed manner and which has an actuating arm. Said actuating arm, at one end, is connected to a swivel pin of the door closer and, at the other end, is supported on an upper substructure in a manner that enables it to rotate. The trunnions form a swivel bearing, which is mounted at the end of the width of the glass door wing, between the glass door wing and the upper substructure and a lower substructure. The invention is characterized in that: the glass door wing (1) is provided in the form of a swinging door (2); the trunnions (6, 7) forming the swivel bearings (8, 9) are placed in a respective trunnion location (16, 17) embedded in the upper wing profile (3) and in the lower wing profile (4), and the upper substructure (12) is comprised of a plate-like door bearing strip (18), which is screwed to a ceiling (13), and into which the upper trunnion (6) is inserted, and; the door bearing strip (18) has a recess (19), which is delimited on the face and into which a slide track (20) is detachably embedded, and a sliding piece (21) rotatably connected to the actuating arm (14) is guided inside this slide track.

IPC 8 full level

E05D 7/08 (2006.01); **E05F 3/22** (2006.01); **E05D 15/58** (2006.01)

CPC (source: EP US)

E05D 7/081 (2013.01 - EP US); **E05F 3/22** (2013.01 - EP US); **E05F 3/227** (2013.01 - EP US); **E05D 15/58** (2013.01 - EP US); **E05Y 2800/672** (2013.01 - EP US); **E05Y 2900/132** (2013.01 - EP US)

Citation (search report)

See references of WO 2006002848A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR LV MK YU

DOCDB simple family (publication)

WO 2006002848 A1 20060112; AU 2005259531 A1 20060112; BR PI0512983 A 20080422; CA 2569576 A1 20060112; CN 1981107 A 20070613; DE 102004032628 A1 20060216; DE 202004021551 U1 20081211; EP 1766170 A1 20070328; JP 2008505267 A 20080221; MX 2007000115 A 20081027; NO 20070482 L 20070125; RU 2007104237 A 20080820; RU 2338859 C1 20081120; US 2008047202 A1 20080228

DOCDB simple family (application)

EP 2005006895 W 20050627; AU 2005259531 A 20050627; BR PI0512983 A 20050627; CA 2569576 A 20050627; CN 200580022505 A 20050627; DE 102004032628 A 20040705; DE 202004021551 U 20040705; EP 05763026 A 20050627; JP 2007519669 A 20050627; MX 2007000115 A 20050627; NO 20070482 A 20070125; RU 2007104237 A 20050627; US 63157805 A 20050627