

Title (en)

DOOR CLOSING FITTING FOR REVOLVING DOORS

Title (de)

TÜRZUZIEHGARNITUR FÜR DREHTÜREN

Title (fr)

GARNITURE DE FERMETURE POUR PORTES PIVOTANTES

Publication

EP 1974113 A1 20081001 (DE)

Application

EP 07711159 A 20070122

Priority

- DE 2007000130 W 20070122
- DE 102006002952 A 20060121

Abstract (en)

[origin: WO2007082524A1] The invention relates to a door closing fitting for a revolving door (10) that is situated in a door frame (20). Said fitting consists of a door mounting, which is located in or on the door leaf, a frame mounting, which is located in or on the door frame, a device for closing the residual gap (30), which is located in the door mounting or frame mounting and a closing device counterpart (110), which is fixed in the corresponding frame mounting or door mounting. The device for closing the residual gap has a closing latch (50), to which a closing element is attached or hinged. The closing latch is pushed into and held in a forward position by means of a spring element. The closing device counterpart has at least one trigger element, which makes direct or indirect contact with the closing element during the closing operation. The present invention develops a door closing fitting for revolving doors, which begins to close the door as soon as a door mounting makes contact with either a door frame mounting or a wall mounting that supports the door.

IPC 8 full level

E05B 15/00 (2006.01); **E05B 17/00** (2006.01); **E05C 1/12** (2006.01); **E05C 3/16** (2006.01); **E05D 5/02** (2006.01); **E05F 1/06** (2006.01)

CPC (source: EP US)

E05B 15/0086 (2013.01 - EP US); **E05B 17/0025** (2013.01 - EP US); **E05C 1/12** (2013.01 - EP US); **E05B 17/0041** (2013.01 - EP US);
E05C 3/16 (2013.01 - EP US); **E05D 5/02** (2013.01 - EP US); **E05F 1/063** (2013.01 - EP US); **E05Y 2600/622** (2013.01 - EP US);
E05Y 2900/132 (2013.01 - EP US); **Y10T 292/432** (2015.04 - EP US)

Citation (search report)

See references of WO 2007082524A1

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 LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

DE 102006002952 A1 20070726; DE 102006002952 B4 20081016; DE 102006062724 A1 20071206; EP 1974113 A1 20081001;
US 2009033107 A1 20090205; WO 2007082524 A1 20070726

DOCDB simple family (application)

DE 102006002952 A 20060121; DE 102006062724 A 20060121; DE 2007000130 W 20070122; EP 07711159 A 20070122;
US 22006608 A 20080721