

Title (en)

Device for connecting a door with a door frame

Title (de)

Vorrichtung zur Verbindung einer Tür mit einer Türzarge

Title (fr)

Dispositif de connexion d'une porte avec un dormant

Publication

**EP 2169168 A3 20121226 (DE)**

Application

**EP 09012274 A 20090928**

Priority

DE 202008013526 U 20080930

Abstract (en)

[origin: EP2169168A2] The device has a lower part (1) connected with a door frame, and an upper part (2) connected with a door leaf and rotatable against the lower part around a cylinder axis (11). A guiding surface (12) at the lower part is inclined to the axis, where the upper part lying against the guiding surface is axially adjustable during rotation around the axis. A sleeve is suspended on a cylinder (3) of the lower part, and another sleeve is suspended on a cylinder (6) of the upper part. A front surface forming the guiding surface is designed as a flat or curved surface. An independent claim is also included for a door comprising a sealing strand.

IPC 8 full level

**E05F 1/06** (2006.01); **E05D 5/14** (2006.01)

CPC (source: EP)

**E05D 5/16** (2013.01); **E05F 1/061** (2013.01); **E05Y 2900/132** (2013.01)

Citation (search report)

- [XY] DE 2136949 A1 19730201 - MAIER
- [Y] DE 1893452 U 19640521 - WINKHAUS FA AUGUST [DE]
- [Y] DE 1745559 U 19570523 - HUTHER THEO [DE]
- [Y] EP 0777027 A1 19970604 - TORSBY VERKSTADS AB [SE]

Cited by

EP3696043A1

Designated contracting state (EPC)

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 SE SI SK SM TR

Designated extension state (EPC)

AL BA RS

DOCDB simple family (publication)

**EP 2169168 A2 20100331; EP 2169168 A3 20121226; EP 2169168 B1 20150708**

DOCDB simple family (application)

**EP 09012274 A 20090928**