

Title (en)

Centering device for a sliding door of a motor vehicle

Title (de)

Zentriervorrichtung für eine Schiebetür eines Kraftfahrzeuges

Title (fr)

Dispositif de centrage d'une porte coulissante pour un véhicule automobile

Publication

EP 1528205 B1 20060719 (FR)

Application

EP 04292425 A 20041012

Priority

FR 0312547 A 20031027

Abstract (en)

[origin: EP1528205A1] The device has a lower dimension male part (10) with round shaped free end. The part is formed by a cylindrical finger (12) comprising a roller (16) at its free end. A female part (11) has a cone shaped centering zone (20) whose internal wall (21) has a cylindrical profile. The zone (20) cooperates with the roller. Another cylindrical centering zone (25) cooperates with the finger whose diameter is larger than that of the roller. The male part is mounted on an edge (2) of a door (1). The female part (11) is mounted on a strut (3) of a vehicle structure.

IPC 8 full level

E05F 5/00 (2006.01); **E05F 7/00** (2006.01)

CPC (source: EP)

E05F 5/003 (2013.01); **E05F 7/005** (2013.01); **E05Y 2900/531** (2013.01)

Cited by

WO2008147337A1; EP2128366B1

Designated contracting state (EPC)

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

DOCDB simple family (publication)

EP 1528205 A1 20050504; **EP 1528205 B1 20060719**; AT E333560 T1 20060815; DE 602004001562 D1 20060831; DE 602004001562 T2 20061130; ES 2268593 T3 20070316; FR 2861417 A1 20050429; FR 2861417 B1 20060217

DOCDB simple family (application)

EP 04292425 A 20041012; AT 04292425 T 20041012; DE 602004001562 T 20041012; ES 04292425 T 20041012; FR 0312547 A 20031027