

Title (en)

GUIDE ROLLER FOR CARRIAGES OF SLIDING DOORS ON MOTOR VEHICLES

Title (de)

FUEHRUNGSROLLE FUER LAUFWAGEN SCHIEBETUEREN AN KRAFTDAHRZEUGEN

Title (fr)

GALET DE GUIDAGE POUR CHARIOTS DE PORTES COULISSANTES DE VEHICULES AUTOMOBILES

Publication

EP 1595048 B2 20180228 (DE)

Application

EP 04705385 A 20040127

Priority

- EP 2004000695 W 20040127
- DE 20302649 U 20030218

Abstract (en)

[origin: WO2004074615A1] Disclosed is a guide roller for carriages of sliding doors on motor vehicles, comprising a roller body that is made of plastic or another elastic material, is rotatably disposed on a pin with the aid of a receiving opening, and is secured against axial displacement. Said guide roller is fastened by means of a positive plug-in connection between the roller body and the pin, a portion of the receiving opening expanding in an elastic manner when the roller body is placed upon the pin, whereby fastening takes place in a simplified manner while avoiding a major effort for mounting the guide roller.

IPC 8 full level

E05D 15/10 (2006.01); **E05D 15/06** (2006.01)

CPC (source: EP)

E05D 15/1047 (2013.01); **E05D 15/063** (2013.01); **E05D 15/0665** (2013.01); **E05D 2015/1055** (2013.01); **E05Y 2201/688** (2013.01); **E05Y 2900/531** (2013.01)

Citation (opposition)

Opponent :

EP 0645262 A1 19950329 - EMILSIDER MECCANICA [IT]

Cited by

CN103174352A

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 PT RO SE SI SK TR

DOCDB simple family (publication)

WO 2004074615 A1 20040902; AT E452270 T1 20100115; DE 20302649 U1 20040624; DE 502004010517 D1 20100128; EP 1595048 A1 20051116; EP 1595048 B1 20091216; EP 1595048 B2 20180228

DOCDB simple family (application)

EP 2004000695 W 20040127; AT 04705385 T 20040127; DE 20302649 U 20030218; DE 502004010517 T 20040127; EP 04705385 A 20040127