

Title (en)

Actuator for opening and/or closing a moveable leaf, in particular of a door or window

Title (de)

Antrieb zum Öffnen und/oder Schließen eines beweglichen Flügels einer Tür oder eines Fensters

Title (fr)

Entraînement destiné à ouvrir et/ou fermer un battant mobile d'une porte ou d'une fenêtre

Publication

EP 2677103 B1 20161228 (DE)

Application

EP 13173035 A 20130620

Priority

DE 102012210591 A 20120622

Abstract (en)

[origin: DE102012210591B3] The drive has an output shaft operatively connected with a wing by a force transmitting element (8) i.e. sliding arm. The force transmitting element includes a guide element (11), which is displaceably guided in a guide rail (9). The guide element is provided with a rolling element (12) and a sliding element (14). The guide rail is provided with a separate contact surface (18) and a molding (19) for the rolling element and the sliding element. The contact surfaces are arranged at different legs of the guide rail. The rolling element and/or the sliding element is made of an elastic material.

IPC 8 full level

E05F 15/63 (2015.01); **E05F 3/22** (2006.01)

CPC (source: EP)

E05F 3/227 (2013.01); **E05F 15/63** (2015.01); **E05F 2003/228** (2013.01); **E05F 2015/631** (2015.01); **E05Y 2201/612** (2013.01); **E05Y 2201/692** (2013.01); **E05Y 2201/708** (2013.01); **E05Y 2900/132** (2013.01)

Cited by

CN111441684A

Designated contracting state (EPC)

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DOCDB simple family (publication)

DE 102012210591 B3 20130502; EP 2677103 A1 20131225; EP 2677103 B1 20161228; ES 2619594 T3 20170626

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DE 102012210591 A 20120622; EP 13173035 A 20130620; ES 13173035 T 20130620