

Title (en)

Universal device for automatically closing a sliding door, in particular a wardrobe door

Title (de)

Universalvorrichtung für das automatische Schließen von Schiebetüren, insbesondere Schranktüren

Title (fr)

Dispositif universel pour la fermeture automatique d'un ouvrant coulissant, notamment porte de placard

Publication

EP 2468997 A3 20160518 (FR)

Application

EP 11194668 A 20111220

Priority

FR 1061132 A 20101223

Abstract (en)

[origin: EP2468997A2] The device has a housing (4) attached at bottom or top of a wardrobe door (2), and a motorized wheel (3) provided with an external peripheral tooth (10). The housing contains locking-unlocking units (20) arranged in any position of the door. The locking-unlocking units are associated with external rotary driving units of the wheel in direction or reverse direction for binding a spiral spring (6) to open the door by a user, or for releasing of the spring to allow self-closing of the door.

IPC 8 full level

E05F 1/08 (2006.01); **E05F 5/00** (2006.01)

CPC (source: EP)

E05F 1/16 (2013.01); **E05F 5/003** (2013.01); **E05C 17/60** (2013.01); **E05Y 2201/21** (2013.01); **E05Y 2201/234** (2013.01); **E05Y 2201/254** (2013.01); **E05Y 2201/26** (2013.01); **E05Y 2201/266** (2013.01); **E05Y 2201/482** (2013.01)

Citation (search report)

- [XY] WO 2009119797 A1 20091001 - NITTO KOHKI CO [JP], et al
- [Y] US 3698036 A 19721017 - GOODMAN MARTIN M
- [Y] US 4633615 A 19870106 - MOOSE JAMES R [US]
- [YD] JP 2005320859 A 20051117 - RYOBI LTD

Cited by

EP2868852A1; FR3012838A1

Designated contracting state (EPC)

AL 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 RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

EP 2468997 A2 20120627; **EP 2468997 A3 20160518**; FR 2969685 A1 20120629; FR 2969685 B1 20140207

DOCDB simple family (application)

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