

Title (en)

IMPROVED GUIDE DEVICE FOR THE OPENING AND THE SUPPORT OF DOORS OF FURNITURE

Title (de)

VERBESSERTE FÜHRUNGSVORRICHTUNG ZUM ÖFFNEN UND ZUR UNTERSTÜTZUNG VON MÖBELTÜREN

Title (fr)

DISPOSITIF DE GUIDAGE AMÉLIORÉ POUR L'OUVERTURE ET LE SUPPORT DE PORTES DE MEUBLES

Publication

EP 3027833 A1 20160608 (EN)

Application

EP 14744132 A 20140728

Priority

- IT MI20131304 A 20130801
- EP 2014066214 W 20140728

Abstract (en)

[origin: WO2015014814A1] An improved guide device (10) for the opening and the support of furniture doors suitable for guiding and supporting the movement thereof both during opening and closing phases, comprising a container body (11) of substantially rectangular shape attached on the inner face of a lateral shoulder (12) of a frame of an item of furniture (14) provided with a door (16) fall-front openable via at least one hinge (18) attached to the frame of the furniture (14) and operatively connected to the container body (11) by means of a cable (20) attached to said door (16) via a fastening element (22) constrained to an inner face of the same door (16), said device which likewise comprises a body-slide (48) sliding inside said container body (11) and integrating means roto-translating with respect to a cogged profile or rack (32) of the container body (11) for a movement of said body-slide (48) and an unwinding/winding of said cable (20) in contrast to or assisted by a return spring and/or by damping means.

IPC 8 full level

E05F 1/10 (2006.01); **E05F 5/10** (2006.01); **E05F 11/04** (2006.01)

CPC (source: EP)

E05F 1/1058 (2013.01); **E05F 11/04** (2013.01); **E05F 5/10** (2013.01); **E05Y 2201/21** (2013.01); **E05Y 2201/256** (2013.01); **E05Y 2201/264** (2013.01); **E05Y 2201/416** (2013.01); **E05Y 2201/474** (2013.01); **E05Y 2201/654** (2013.01); **E05Y 2201/668** (2013.01); **E05Y 2201/67** (2013.01); **E05Y 2201/708** (2013.01); **E05Y 2201/722** (2013.01); **E05Y 2900/20** (2013.01)

Citation (search report)

See references of WO 2015014814A1

Cited by

WO2019233686A1; IT201900025324A1; IT201800006078A1

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)

WO 2015014814 A1 20150205; CN 105518239 A 20160420; CN 105518239 B 20170613; EP 3027833 A1 20160608; EP 3027833 B1 20171025; IT MI20131304 A1 20150202; JP 2016527423 A 20160908; JP 6420831 B2 20181107

DOCDB simple family (application)

EP 2014066214 W 20140728; CN 201480047713 A 20140728; EP 14744132 A 20140728; IT MI20131304 A 20130801; JP 2016530482 A 20140728