

Title (en)

DRIVE UNIT FOR DISPLACEABLE FURNITURE PARTS

Title (de)

ANTRIEBSEINRICHTUNG FÜR BEWEGBARE MÖBELTEILE

Title (fr)

DISPOSITIF D'ENTRAÎNEMENT POUR PARTIES DE MEUBLE DÉPLAÇABLES

Publication

EP 2007248 B1 20130821 (DE)

Application

EP 07727653 A 20070402

Priority

- EP 2007053181 W 20070402
- DE 202006006189 U 20060418

Abstract (en)

[origin: WO2007122068A1] The invention relates to a drive unit for displaceable furniture parts (3), in particular drawers, said unit comprising an ejector mechanism (6) that is used to displace a displaceable furniture part (3) from a closed position into an at least partially open position. The unit is also equipped with at least one sensor (7, 7') that is used to trigger a displacement of the ejector mechanism (6), said sensor or sensors (7, 7') comprising a feeler (11, 21) that lies against the displaceable furniture part (3), at least in the closed position. The feeler (11, 21) is used to register a displacement of the furniture part (3) in order to trigger the ejector mechanism (6). The function of registering the position of the furniture part (3) is thus decoupled from the ejection of said part (3).

IPC 8 full level

A47B 88/04 (2006.01)

CPC (source: EP KR)

A47B 88/457 (2016.12 - EP KR); **A47B 88/463** (2016.12 - EP KR)

Designated contracting state (EPC)

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

DOCDB simple family (publication)

DE 202006006189 U1 20070830; CN 101426400 A 20090506; CN 101426400 B 20140319; EP 2007248 A1 20081231; EP 2007248 B1 20130821; JP 2009534067 A 20090924; JP 5216999 B2 20130619; KR 101381333 B1 20140404; KR 20090006202 A 20090114; RU 2008144682 A 20100527; RU 2414157 C2 20110320; TW 200808223 A 20080216; WO 2007122068 A1 20071101

DOCDB simple family (application)

DE 202006006189 U 20060418; CN 200780013924 A 20070402; EP 07727653 A 20070402; EP 2007053181 W 20070402; JP 2009505828 A 20070402; KR 20087028052 A 20070402; RU 2008144682 A 20070402; TW 96112262 A 20070409