

Title (en)
FURNITURE DRIVE

Title (de)
MÖBELANTRIEB

Title (fr)
MÉCANISME DE COMMANDE DE MEUBLE

Publication
EP 3068266 A1 20160921 (DE)

Application
EP 14801906 A 20140929

Priority
• AT 8802013 A 20131114
• AT 2014000175 W 20140929

Abstract (en)
[origin: WO2015070264A1] The invention relates to a furniture drive (4) for ejecting a movable furniture part (3) from a closed end position in relation to a furniture body (2), comprising: a housing (9); an electrical drive unit (10) arranged in or on the housing (9); an ejecting lever (12), which can be driven by the electrical drive unit (10) and which is supported in such a way that the ejecting lever can be rotated about a pivot axis (11) in relation to the housing (9); a tappet (6) for ejecting the movable furniture part (3), which tappet can be driven by the ejecting lever (12) and can be moved linearly; wherein the furniture drive (4) has a reduction mechanism (5), which converts a pivoting motion of the ejecting lever (12) into a linear motion of the tappet (6), wherein the reduction mechanism (5) has at least one angle lever (15), which is rotatably supported about an axis of rotation (16) and which has two lever arms (18, 19), wherein a first lever arm (18) of the angle lever (15) interacts with the ejecting lever (12) and a second lever arm (19) of the angle lever (15) interacts with the linearly movable tappet (6) and wherein the axis of rotation (16) of the angle lever (15) and the pivot axis (11) of the ejecting lever (12) are arranged so as to be stationary in relation to each other.

IPC 8 full level
A47B 88/04 (2006.01)

CPC (source: AT EP)
A47B 88/457 (2016.12 - EP); **A47B 88/463** (2016.12 - AT); **E05Y 2201/426** (2013.01 - EP); **E05Y 2900/20** (2013.01 - EP)

Citation (search report)
See references of WO 2015070264A1

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 2015070264 A1 20150521; AT 514944 A4 20150515; AT 514944 B1 20150515; CN 105744858 A 20160706; CN 105744858 B 20190122; EP 3068266 A1 20160921; EP 3068266 B1 20170906; ES 2650550 T3 20180119; JP 2016537535 A 20161201; JP 6258489 B2 20180110

DOCDB simple family (application)
AT 2014000175 W 20140929; AT 8802013 A 20131114; CN 201480062105 A 20140929; EP 14801906 A 20140929; ES 14801906 T 20140929; JP 2016529472 A 20140929