

Title (en)
PIVOTING DRIVE

Title (de)
SCHWENKANTRIEB UND MÖBEL

Title (fr)
ENTRAÎNEMENT DE PIVOTEMENT

Publication
EP 3612701 B1 20211222 (DE)

Application
EP 18719778 A 20180412

Priority
• DE 102017108197 A 20170418
• EP 2018059408 W 20180412

Abstract (en)
[origin: CA3057953A1] A pivot drive (30) for a movable piece of furniture (3, 25, 25') comprises an actuating arm (32), which is mounted such that it can be pivoted about an axis of rotation (31), a spring assembly (33), having at least one spring guided linearly in a working direction, a pressure-exerting component (34, 34'), which is connected to the spring assembly (33) and can be displaced along a control curve (35, 35'), and a housing (21), on or in which the pivot drive is mounted, wherein the actuating arm (32) is connected in a rotationally fixed manner to the spring assembly (33) and can be pivoted therewith about the axis of rotation (31), and it is possible to adjust the control curve (35, 35') relative to the axis of rotation (31), in order to set the spring force of the spring assembly (33), and/or it is possible to adjust the force by which the spring assembly (33) acts on the control curve.

IPC 8 full level
E05F 1/10 (2006.01); **E05F 1/12** (2006.01); **E05F 5/10** (2006.01)

CPC (source: EP RU US)
E05F 1/10 (2013.01 - RU US); **E05F 1/1058** (2013.01 - EP RU); **E05F 1/1261** (2013.01 - EP RU); **E05F 3/00** (2013.01 - RU US); **E05F 5/10** (2013.01 - EP RU); **E05Y 2201/638** (2013.01 - EP); **E05Y 2600/10** (2013.01 - EP); **E05Y 2900/20** (2013.01 - EP US)

Citation (examination)
WO 2016131770 A1 20160825 - SALICE ARTURO SPA [IT]

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

DOCDB simple family (publication)
DE 102017108197 A1 20181018; AU 2018255813 A1 20191010; AU 2018255813 B2 20231214; BR 112019019881 A2 20200422; CA 3057953 A1 20181025; CN 110520588 A 20191129; CN 110520588 B 20210730; EP 3612701 A1 20200226; EP 3612701 B1 20211222; RU 2019133591 A 20210518; RU 2019133591 A3 20210706; RU 2760649 C2 20211129; US 11060337 B2 20210713; US 2020123827 A1 20200423; WO 2018192835 A1 20181025

DOCDB simple family (application)
DE 102017108197 A 20170418; AU 2018255813 A 20180412; BR 112019019881 A 20180412; CA 3057953 A 20180412; CN 201880025001 A 20180412; EP 18719778 A 20180412; EP 2018059408 W 20180412; RU 2019133591 A 20180412; US 201816605563 A 20180412