

Title (en)

ACTUATING DRIVE FOR FURNITURE FLAPS

Title (de)

STELLANTRIEB FÜR MÖBELKLAPPEN

Title (fr)

MÉCANISME DE COMMANDE POUR ABATTANTS DE MEUBLE

Publication

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Application

EP 15705474 A 20150119

Priority

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- AT 2015000005 W 20150119

Abstract (en)

[origin: WO2015135005A1] The invention relates to an actuating drive (4) for moving a flap (3) of an item of furniture (1), comprising: at least one actuating arm (5) which is supported so as to be pivotable about an axis of rotation {13} for moving the flap (3), a spring device (8) for application of force to the actuating arm (5), a transmission mechanism (10) for transmitting a force from the spring device (8) onto the actuating arm (5) in the closing direction and, after exceeding a dead centre (T1, T2), for transmitting a force from the spring device {8} onto the actuating arm (5) in the opening direction, an adjusting device (23), by which an actuator (19) of the actuating drive (4) is adjustable in its position in or on a guide (21), wherein the actuating drive (4) has a coupling device (18) which couples the spring device (8), the axis of rotation (13) of the actuating arm (5), and the actuator (19) to one another, wherein by adjustment of the actuator (19) in or on the guide (21) both the location of the dead centre (T1, T2) of the actuating arm (5) and the force of the spring device (8) acting in the opening direction on the actuating arm (5) can be set variably such that, in the event of an increase in the force acting in the opening direction, the pivot angle of the actuating arm (5) at which the dead centre (T1, T2) is located can be reduced.

IPC 8 full level

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CPC (source: AT EP RU US)

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Citation (search report)

See references of WO 2015135005A1

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WO 2015135005 A1 20150917; AT 16873 U1 20201115; AT 515493 A1 20150915; CN 106103873 A 20161109; CN 106103873 B 20180320; DE 202015009804 U1 20200319; EP 3117060 A1 20170118; EP 3117060 B1 20200826; EP 3754143 A1 20201223; ES 2831425 T3 20210608; HU E051521 T2 20210301; JP 2017509814 A 20170406; JP 6291076 B2 20180314; RU 2644040 C1 20180207; US 2016333620 A1 20161117; US 9719283 B2 20170801

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