

Title (en)

Drive to operate the leaf of a door or window

Title (de)

Antrieb für einen Flügel einer Tür oder eines Fensters

Title (fr)

Entraînement pour un battant de porte ou de fenêtre

Publication

**EP 2267259 B1 20120905 (DE)**

Application

**EP 10166761 A 20100622**

Priority

DE 102009027157 A 20090624

Abstract (en)

[origin: EP2267259A1] The drive (1) has throttle valves (18, 21, 23, 24) for hydraulically damping movement of a working piston (3). The working piston includes an extension (11) with control rings (12, 13), where an area with a taper (15) is provided between the control rings. An overflow channel (16) provided in the extension opens in the area, where the overflow channel runs out from a front side of the extension and causes loading and unloading of an accumulator piston (6) during a specific angle range of a door or a window. A set of overflow channels (17, 20.1. 20.2, 22.1-22.4) is formed in a housing (2).

IPC 8 full level

**E05F 3/12** (2006.01); **E05F 3/22** (2006.01)

CPC (source: EP)

**E05F 3/12** (2013.01); **E05F 3/224** (2013.01); **E05Y 2201/21** (2013.01); **E05Y 2201/41** (2013.01); **E05Y 2900/132** (2013.01)

Designated contracting state (EPC)

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