

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)

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