

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 2388423 B1 20150708 (DE)**

Application

**EP 11166150 A 20110516**

Priority

DE 102010029026 A 20100517

Abstract (en)

[origin: EP2388423A2] The drive (1) has a piston (7) cooperating with a driven shaft (8) to open and/or close a wing and impinged with a closing spring (6) and arranged in a housing (2). A pressure equalization device is arranged into the housing filled with hydraulic fluid (9). The pressure equalization device is formed in a hydraulic reservoir (11). A centrally arranged hydraulic channel (10) is covered by the fluid with respect to a vertical extension of the hydraulic reservoir, and encloses gas volume. A suction element (13) is arranged at a bottom part of the hydraulic reservoir to remove the fluid.

IPC 8 full level

**E05F 3/10** (2006.01)

CPC (source: EP)

**E05F 3/10** (2013.01); **E05F 3/102** (2013.01); **E05F 3/12** (2013.01); **E05F 3/227** (2013.01); **E05F 15/53** (2015.01); **E05Y 2201/10** (2013.01); **E05Y 2201/448** (2013.01); **E05Y 2800/00** (2013.01); **E05Y 2800/172** (2013.01); **E05Y 2900/132** (2013.01)

Cited by

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Designated contracting state (EPC)

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DOCDB simple family (publication)

**EP 2388423 A2 20111123**; **EP 2388423 A3 20131204**; **EP 2388423 B1 20150708**; DE 102010029026 A1 20111117;  
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