

Title (en)

Servo-electrohydraulic door drive for driving a door, window or the like

Title (de)

Elektrohydraulischer Servotürantrieb zum Antrieb einer Tür, eines Fensters oder dergleichen

Title (fr)

Entraînement servo-électrohydraulique pour commande de porte, fenêtre ou similaire

Publication

EP 1431496 A3 20090930 (DE)

Application

EP 03029398 A 20031219

Priority

DE 10261225 A 20021220

Abstract (en)

[origin: EP1431496A2] Electrohydraulic servodrive for driving a door, window, etc. comprises a hydraulically controlled open-holding valve (20) arranged in the hydraulic circuit for carrying out an open-holding function. Preferred Features: The valve is a 2/2-way valve (21) in the form of a blockable non-return valve or a sliding valve. The valve has a control piston (22) and a non-return valve (23).

IPC 8 full level

E05F 3/10 (2006.01); **E05F 3/22** (2006.01); **E05F 15/04** (2006.01); **F15B 1/02** (2006.01); **F15B 13/01** (2006.01); **F15B 15/08** (2006.01); **F15B 15/22** (2006.01)

CPC (source: EP US)

E05F 3/223 (2013.01 - EP US); **E05F 15/53** (2015.01 - EP US); **F15B 1/025** (2013.01 - EP US); **F15B 13/01** (2013.01 - EP US); **F15B 15/065** (2013.01 - EP US); **F15B 15/224** (2013.01 - EP US); **E05F 3/102** (2013.01 - EP US); **E05Y 2800/00** (2013.01 - EP US); **E05Y 2900/132** (2013.01 - EP US)

Citation (search report)

- [XY] DE 4239172 C1 19931216 - DAIMLER BENZ AG [DE]
- [XYA] DE 4423989 A1 19950209 - GEZE GMBH & CO [DE]
- [Y] FR 2564518 A1 19851122 - HOUDAILLE LELAURAIN SA [FR]
- [Y] WO 9213300 A1 19920806 - SWINTEC AG [CH]
- [A] DE 3202966 A1 19830811 - GEZE GMBH [DE]

Cited by

EP4279695A1; EP3034890B1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

Designated extension state (EPC)

AL LT LV MK

DOCDB simple family (publication)

EP 1431496 A2 20040623; **EP 1431496 A3 20090930**; DE 10261225 A1 20040715; DE 10261225 B4 20061116; US 2004182234 A1 20040923; US 6978609 B2 20051227

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