

Title (en)
Electrohydraulic drive for a pivoting door

Title (de)
Elektrohydraulischer Drehflügeltürantrieb

Title (fr)
Entraînement électrohydraulique pour porte pivotante

Publication
EP 1431495 A3 20090527 (DE)

Application
EP 03029121 A 20031218

Priority
DE 10261224 A 20021220

Abstract (en)
[origin: DE10261224B3] The door operating drive has a hydraulically-controlled valve (20) incorporated in the hydraulic circuit for providing the open holding function and provided by a 2/2-way valve with a control piston (22) and a non-return valve (23). The effective piston surface of the control piston is greater than the sealing surface of the 2/2-way valve, so that the control pressure in the open holding valve is less than the pressure in the piston space (1) of the door operating drive.

IPC 8 full level
E05F 3/10 (2006.01); **E05F 3/12** (2006.01); **E05F 3/22** (2006.01); **E05F 15/04** (2006.01)

CPC (source: EP)
E05F 3/102 (2013.01); **E05F 3/12** (2013.01); **E05F 3/223** (2013.01); **E05F 3/224** (2013.01); **E05Y 2201/20** (2013.01); **E05Y 2201/254** (2013.01); **E05Y 2400/3015** (2024.05); **E05Y 2800/00** (2013.01); **E05Y 2900/132** (2013.01)

Citation (search report)

- [XY] DE 4239172 C1 19931216 - DAIMLER BENZ AG [DE]
- [DY] DE 4423989 A1 19950209 - GEZE GMBH & CO [DE]
- [Y] FR 2564518 A1 19851122 - HOUDAILLE LELAURAIN SA [FR]
- [A] DE 4002747 A1 19910801 - GEZE GMBH & CO [DE]

Cited by
CN102296899A; DE102004061629A1

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)
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DE 10261224 A 20021220; EP 03029121 A 20031218; NO 20035665 A 20031218