

Title (en)

Device for operating the door of vehicle door units.

Title (de)

Betätigungsvorrichtung für Fahrzeugtüren.

Title (fr)

Dispositif pour actionner des portières de véhicules.

Publication

EP 0580221 A1 19940126 (EN)

Application

EP 93202058 A 19930712

Priority

IT RE920060 A 19920721

Abstract (en)

A first element (11) of the support structure (10) able to rotate about the axis of rotation (A) is fixed to the door frame (9) in a vertical direction; a second element (12) is supported by the first element (11) in a manner rotatable about the axis (A) and movable vertically relative to the element (11); said element (12) is fixed to the door (1) to move vertically therewith; a first piston is slidable under sealed conditions within a first chamber filled with operating liquid and is rigid with the support element (11); a second piston (32) is slidable under sealed conditions within a second chamber (34) filled with operating liquid and is rigid with the support element (11); said chamber (33) communicates with the chamber (34) via a passage duct (35) such that compression of the chamber (33) produces expansion of the chamber (34), the expansion of the chamber (34) causing the second piston (32) to rise relative to the chamber (34); valve means (40) are also provided to automatically close the passage (35) for the operating liquid from the chamber (34) to the chamber, said passage being able to be opened by external control. <IMAGE>

IPC 1-7

E05F 15/04; **E05F 15/02**

IPC 8 full level

E05D 15/58 (2006.01); **E05F 15/04** (2006.01)

CPC (source: EP)

E05D 15/581 (2013.01); **E05F 15/53** (2015.01); **E05F 15/54** (2015.01); **E05Y 2900/51** (2013.01)

Citation (search report)

- [A] AT 215852 B 19610626 - COMMISSARIAT ENERGIE ATOMIQUE
- [A] DE 3705369 A1 19880901 - BODE & CO GEB [DE]
- [A] DE 3444379 A1 19850704 - BUCHENBERG KONRAD [DE]

Cited by

EP1547835A3; US5925707A

Designated contracting state (EPC)

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