

Title (en)

Actuation arrangement for parts of vehicles pivotable about an axis

Title (de)

Betätigungsanordnung für um eine Drehachse schwenkbare Teile an Fahrzeugen

Title (fr)

Agencement d'entraînement pour des parties de véhicules pivotantes autour d'un axe

Publication

EP 1223345 A3 20031119 (DE)

Application

EP 02450001 A 20020103

Priority

AT 452001 A 20010112

Abstract (en)

[origin: EP1223345A2] Operating arrangement for motor vehicle components rotating about an axis of rotation (2), e.g. doors (1), comprises at least one working cylinder arrangement (3) for both directions coupled to the rotating component. In a connecting line between the working spaces (4, 5) of the working cylinder arrangement, at least one relay valve (23) completely unblocking or blocking this connecting line is arranged in series with a servo-valve (24). Preferred Features: At least two parallel connecting lines (16, 17) are provided between the working spaces of the working cylinder arrangement. Two consecutively opening check valves (18, 19) are arranged in one connecting line (16), and two consecutively closing check valves (20, 21) are arranged in the other connecting line (17). A further connecting line (22) between the two parallel connecting lines and containing the relay valve and the servo-valve branches off into each of the parallel connecting lines between the two lots of check valves.

IPC 1-7

F15B 11/024; **F15B 11/00**; **F15B 11/028**; **F15B 11/044**

IPC 8 full level

F15B 11/00 (2006.01); **F15B 11/024** (2006.01); **F15B 11/028** (2006.01); **F15B 11/044** (2006.01); **E05F 15/04** (2006.01)

CPC (source: EP)

F15B 11/003 (2013.01); **F15B 11/024** (2013.01); **F15B 11/028** (2013.01); **F15B 11/0445** (2013.01); **E05Y 2900/50** (2013.01); **F15B 2211/20561** (2013.01); **F15B 2211/27** (2013.01); **F15B 2211/30505** (2013.01); **F15B 2211/3051** (2013.01); **F15B 2211/3052** (2013.01); **F15B 2211/3058** (2013.01); **F15B 2211/40507** (2013.01); **F15B 2211/40515** (2013.01); **F15B 2211/41572** (2013.01); **F15B 2211/426** (2013.01); **F15B 2211/428** (2013.01); **F15B 2211/613** (2013.01); **F15B 2211/7054** (2013.01)

Citation (search report)

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