

Title (en)

Assembly for hydraulically operating a tailgate

Title (de)

Anordnung zur hydraulischen Betätigung eines Heckdeckels

Title (fr)

Ensemble pour l'actionnement hydraulique d'un hayon arrière

Publication

EP 0959217 A3 20021113 (DE)

Application

EP 99890104 A 19990324

Priority

AT 88198 A 19980522

Abstract (en)

[origin: EP0959217A2] One side of the at least one double-acting hydraulic vehicle roof panel operating cylinder (3) is linked to the vehicle, and the other side to the tailgate. Each of the operating chambers parallel with the reflux valves is held by a pre-tensioning valve (15,16) held at a set pressure level. A pipe (22) leading to the tank (17) opens in at least one connecting pipe (4,5) to the operating cylinder and contains a proportional pressure valve (23).

IPC 1-7

E05F 15/04; E05F 15/00; B62D 25/12; F15B 11/028; F15B 20/00

IPC 8 full level

B62D 25/12 (2006.01); **E05F 15/49** (2015.01); **F15B 11/08** (2006.01)

CPC (source: EP US)

E05F 15/49 (2015.01 - EP US); **E05Y 2400/326** (2013.01 - EP US); **E05Y 2600/46** (2013.01 - EP US); **E05Y 2900/50** (2013.01 - EP US); **E05Y 2900/546** (2013.01 - EP US); **F15B 2211/20561** (2013.01 - EP US); **F15B 2211/3051** (2013.01 - EP US)

Citation (search report)

- [A] DE 4418776 A1 19941222 - HOERBIGER VENTILWERKE AG [AT]
- [A] DE 4236517 A1 19931118 - HOERBIGER VENTILWERKE AG WIEN [AT]

Cited by

NL1031722C2; EP1985854A3; CN108691850A; DE102004029409A1; EP4385861A1; WO2018077330A1

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