

Title (en)

Arrangement for hydraulically operating a moving element of a vehicle

Title (de)

Anordnung zur hydraulischen Betätigung eines beweglichen Bauteils an einem Fahrzeug

Title (fr)

Agencement pour l'actionnement hydraulique d'un organe mobile d'un véhicule

Publication

EP 1083338 A3 20030924 (DE)

Application

EP 00890274 A 20000906

Priority

AT 155299 A 19990910

Abstract (en)

[origin: EP1083338A2] The arrangement has at least one dual action hydraulic working cylinder (1) joined to the vehicle and to the moving part with one working vol. (3) connected to a passive pressure reservoir (4) and the other (7) to a hydraulic pump (8). A non-return valve (11) between the working cylinder and pump is blocking towards the pump and a line to the tank (9) that branches off between the non-return valve and working cylinder contains an electrically driven proportional pressure valve (13) as a pressure limiting valve. An Independent claim is also included for a method of hydraulic actuation of a movable part in a vehicle.

IPC 1-7

F15B 11/028; **F15B 15/14**

IPC 8 full level

F15B 11/028 (2006.01); **F15B 15/14** (2006.01)

CPC (source: EP US)

F15B 11/028 (2013.01 - EP US); **F15B 15/1476** (2013.01 - EP US); **F15B 2211/20538** (2013.01 - EP US); **F15B 2211/212** (2013.01 - EP US); **F15B 2211/30505** (2013.01 - EP US); **F15B 2211/40507** (2013.01 - EP US); **F15B 2211/41509** (2013.01 - EP US); **F15B 2211/41581** (2013.01 - EP US); **F15B 2211/50536** (2013.01 - EP US); **F15B 2211/515** (2013.01 - EP US); **F15B 2211/5159** (2013.01 - EP US); **F15B 2211/55** (2013.01 - EP US); **F15B 2211/625** (2013.01 - EP US); **F15B 2211/7053** (2013.01 - EP US)

Citation (search report)

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- [Y] EP 0546300 A1 19930616 - BOSCH GMBH ROBERT [DE]
- [AY] US 5921604 A 19990713 - YU XUDONG [US], et al
- [A] FR 2766526 A1 19990129 - HYDROPERFECT INT [FR]
- [AD] PATENT ABSTRACTS OF JAPAN vol. 018, no. 259 (M - 1607) 18 May 1994 (1994-05-18)

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