

Title (en)

Arrangement for hydraulically actuating a roof, boot lid or similar

Title (de)

Anordnung zur hydraulischen Betätigung eines Verdecks, eines Heckdeckels od. dgl.

Title (fr)

Ensemble pour l'actionnement hydraulique d'une capote, d'un hayon arrière, ou similaire

Publication

**EP 0994261 A3 20010725 (DE)**

Application

**EP 99890288 A 19990908**

Priority

AT 172598 A 19981015

Abstract (en)

[origin: EP0994261A2] In order to fasten the lid and operate it in at least one direction on an emergency basis, the two work chambers (2,3) of the lids are joined to one another by a connecting pipe (12), which contains a blockable check valve (13). The valve constituent of the check valve is blockable by a hydraulically-operated control piston with a larger surface than a valve seat. A throttle (15) is installed in the pipe (4) leading to one of the work chambers of the work cylinders. The unblockable check valve opens in its unblocked state in the direction of the rod side (2) of the work cylinders on the piston side (3).

IPC 1-7

**F15B 20/00**; **F15B 7/00**

IPC 8 full level

**F15B 7/00** (2006.01); **F15B 13/02** (2006.01); **F15B 13/10** (2006.01); **F15B 20/00** (2006.01)

CPC (source: EP)

**F15B 7/003** (2013.01); **F15B 7/006** (2013.01); **F15B 13/021** (2013.01); **F15B 13/10** (2013.01); **F15B 20/004** (2013.01); **F15B 2211/20561** (2013.01)

Citation (search report)

- [X] EP 0842803 A1 19980520 - APPLIED POWER INC [US]
- [X] GB 863701 A 19610322 - CATERPILLAR TRACTOR CO
- [A] JP S54109586 A 19790828 - TOKICO LTD
- [A] US 5760695 A 19980602 - HUBER GERHARD [DE]
- [A] US 5331882 A 19940726 - MILLER MATTHEW T [US]
- [A] EP 0634577 A1 19950118 - HYDROLUX SARL [LU]

Cited by

AT412112B; WO02061288A3

Designated contracting state (EPC)

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**EP 0994261 A2 20000419**; **EP 0994261 A3 20010725**; AT 406357 B 20000425; AT A172598 A 19990915

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