

Title (en)

PISTON-TYPE ACCUMULATOR FOR A HYDRAULIC FLUID TO BE SUPPLIED TO A CONSUMER IN A HYDRAULIC INSTALLATION

Title (de)

KOLBENSPEICHER FÜR EINEM VERBRAUCHER IN EINER HYDRAULIKANLAGE ZUZUFÜHRENDES DRUCKFLUID

Title (fr)

ACCUMULATEUR A PISTON POUR FLUIDE DE PRESSION A AMENER A UN DISPOSITIF UTILISATEUR DANS UNE INSTALLATION HYDRAULIQUE

Publication

**EP 1086312 B1 20030521 (DE)**

Application

**EP 99927842 A 19990602**

Priority

- DE 19827363 A 19980619
- EP 9903816 W 19990602

Abstract (en)

[origin: US6332477B1] A piston accumulator can be used for hydraulically actuating the discharge unit in non-automotive bulk commodity vehicles. The accumulator cylinder has a tappet which can be axially displaced within the cylinder. When a defined load pressure is reached in the oil chamber of the cylinder, the tappet can be displaced by a piston to actuate a control valve. The valve serves as shut-off device for the loading fluid stream flowing to the oil chamber and is positioned as a detachable module on the exterior face of cylinder cover in such a way that it can be actuated by the outer end of the tappet. The tappet is guided towards the outside by passing in a sealed manner through the cylinder cover.

IPC 1-7

**F15B 1/24**

IPC 8 full level

**B61D 7/28** (2006.01); **F15B 1/027** (2006.01); **F15B 1/24** (2006.01)

CPC (source: EP US)

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