

Title (en)

VALVE ARRANGEMENT FOR HYDRAULIC ACCUMULATOR

Publication

EP 0230529 B1 19920219 (DE)

Application

EP 86114822 A 19861024

Priority

DE 3602362 A 19860127

Abstract (en)

[origin: US4706930A] A valve arrangement for connecting a hydraulic machine, such as a pump or a motor, with a pressure accumulator in which a conventional manual shutoff valve is replaced by a leak-proof pressure controlled valve whose operating pressure signal is supplied by a shuttle valve from that one of two ports of the pressure controlled valve at which the higher pressure prevails at a given time. The pressure controlled valve is supplied with fluid under pressure by way of a leak-proof remote controlled slide valve.

IPC 1-7

F15B 1/02

IPC 8 full level

F15B 1/02 (2006.01); **F15B 13/042** (2006.01)

CPC (source: EP US)

F15B 1/02 (2013.01 - EP US); **F15B 2013/0428** (2013.01 - EP US); **Y10T 137/87209** (2015.04 - EP US)

Citation (examination)

Fachveröffentlichung "Hydrobus", technischer Schlussbericht - hydrostatische Bremsenergieerückgewinnung für Stadtlinienbusse - April 1983, S. 41 und 286

Cited by

US5477677A; DE4438899C1; EP2603705A4; DE19638837A1; DE19638837B4; DE4223389A1; US5558004A; DE4223389C2

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