Title (en)
LUDV (LOAD-INDEPENDENT FLOW DISTRIBUTION SYSTEM) VALVE ARRANGEMENT

Title (de)
LUDV-VENTILANORDNUNG

Title (fr)
AGENCEMENT DE SOUPAPE DE REGULATION LUDV

Publication
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Application
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- DE 102006049584 A 20061020

Abstract (en)
[origin: US8100145B2] An LIFD valve assembly has a pressure balance device a pressure balance slide of which is urged in the opening direction by a pressure downstream of a metering aperture and in the closing direction by a control pressure preferably corresponding to the highest load pressure of a plurality of consumers, and a load pressure downstream of the metering aperture is reportable to a line via the pressure balance device, and a load-maintaining device that can be put in a closing position, in which position a pressure medium flow path from a consumer to the metering aperture is blocked. The pressure balance slide is embodied in divided fashion, with an upper part and a lower part, wherein the latter is guided on the upper part, and determines the pressure balance device throttle cross section with a pressure balance control edge and embodies a closing body of the load-maintaining device.

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