

Title (en)

Load sensing valve assembly with pressure control

Title (de)

Load-Sensing-Ventilbaugruppe mit Drucksteuerung

Title (fr)

Composant de soupape à détection de charge avec commande à pression

Publication

**EP 2620656 B1 20181226 (DE)**

Application

**EP 13150235 A 20130104**

Priority

DE 102012001549 A 20120126

Abstract (en)

[origin: EP2620656A2] The valve assembly (10) has two load connections (A,B) for connecting a hydraulic load (11) and a pump connection (P) for connecting a pump (13). A pressure maintenance valve (22) is connected to the pump connection, so that it results a pressure (41) between the metering orifice and the pressure maintenance valve. The metering orifice is connected to a damping throttle (21) in series, so that another pressure (42) results between a metering orifice (20) and the damping throttle. The latter pressure is connected to a pressure limit valve (32), whose release pressure is adjustable.

IPC 8 full level

**F15B 11/05** (2006.01)

CPC (source: EP)

**F15B 11/055** (2013.01); **F15B 2211/20546** (2013.01); **F15B 2211/253** (2013.01); **F15B 2211/30535** (2013.01); **F15B 2211/50518** (2013.01); **F15B 2211/5159** (2013.01); **F15B 2211/6051** (2013.01); **F15B 2211/6054** (2013.01); **F15B 2211/6055** (2013.01); **F15B 2211/654** (2013.01)

Cited by

CN105443475A; FR3054008A1

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DOCDB simple family (publication)

**EP 2620656 A2 20130731**; **EP 2620656 A3 20170329**; **EP 2620656 B1 20181226**; BR 102013001832 A2 20160223; DE 102012001549 A1 20130801

DOCDB simple family (application)

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