

Title (en)

VALVE ARRANGEMENT FOR SUPPLYING A HYDRAULIC CONSUMER WITH PRESSURE MEDIUM

Title (de)

VENTILANORDNUNG ZUR DRUCKMITTELVERSORGUNG EINES HYDRAULISCHEN VERBRAUCHERS

Title (fr)

SYSTÈME DE SOUPAPE POUR L'ALIMENTATION EN FLUIDE SOUS PRESSION D'UN UTILISATEUR HYDRAULIQUE

Publication

**EP 3759357 A1 20210106 (DE)**

Application

**EP 19718099 A 20190409**

Priority

- DE 102018003728 A 20180507
- EP 2019058885 W 20190409

Abstract (en)

[origin: WO2019214887A1] Valve arrangement for supplying a hydraulic consumer with pressure medium, which valve arrangement has two working connectors (A, B) for the fluid connection to the consumer, with a first control valve which - has a first feed line (24), via which a first feed stream from the first working connector (A) to the consumer (10) can be controlled, and with a first return control restrictor (26), via which a first return stream (28) from the consumer (10) via the second working connector (B) can be controlled at the same time as the first feed line (24), and - has a second feed line (34), via which a second feed stream from the second working connector (B) to the consumer (10) can be controlled, and with a second return control restrictor (36), via which a second return stream (38) from the consumer (10) via the first working connector (8) can be controlled at the same time as the second feed line (34), and with a second control valve (40) with a feed control restrictor (42), by way of which the respective feed line (24, 34) of the first control valve (20) can be controlled.

IPC 8 full level

**F15B 11/024** (2006.01); **F15B 11/042** (2006.01); **F15B 11/044** (2006.01); **F15B 13/04** (2006.01)

CPC (source: EP US)

**F15B 11/024** (2013.01 - EP); **F15B 11/042** (2013.01 - EP); **F15B 11/044** (2013.01 - EP US); **F15B 13/0402** (2013.01 - EP US); **F15B 2211/20553** (2013.01 - EP US); **F15B 2211/30535** (2013.01 - EP); **F15B 2211/3058** (2013.01 - EP); **F15B 2211/31576** (2013.01 - EP); **F15B 2211/41509** (2013.01 - EP); **F15B 2211/426** (2013.01 - EP); **F15B 2211/455** (2013.01 - EP); **F15B 2211/46** (2013.01 - EP); **F15B 2211/6057** (2013.01 - EP US); **F15B 2211/6313** (2013.01 - EP US); **F15B 2211/6654** (2013.01 - EP); **F15B 2211/7053** (2013.01 - EP); **F15B 2211/8609** (2013.01 - EP US)

Citation (search report)

See references of WO 2019214887A1

Designated contracting state (EPC)

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Designated extension state (EPC)

BA ME

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**DE 102018003728 A1 20191107**; EP 3759357 A1 20210106; EP 3759357 B1 20240605; EP 3759357 C0 20240605; US 11168713 B2 20211109; US 2021062832 A1 20210304; WO 2019214887 A1 20191114

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