

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

DOCDB simple family (publication)

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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