

Title (en)

VALVE ASSEMBLY AND PRESSURE CONTROL METHOD

Title (de)

VENTILANORDNUNG UND EIN VERFAHREN ZUR DRUCKSTEUERUNG

Title (fr)

AGENCEMENT DE SOUPAPE ET PROCÉDÉ DE COMMANDE DE PRESSION

Publication

**EP 3877226 A1 20210915 (DE)**

Application

**EP 19794446 A 20191017**

Priority

- DE 102018127822 A 20181107
- EP 2019078301 W 20191017

Abstract (en)

[origin: WO2020094362A1] The invention relates to a valve assembly for pressure control on an output port (P2). The valve assembly comprises an inlet port (P1), a pressure sink (S), a first valve (110) having a first control connection (112), and a second valve (120) having a second control connection (122), which are arranged in series between the inlet port (P1) and a pressure sink (S) and between which the outlet port (P2) branches off. The valve assembly also comprises a first control valve (115), which controllably connects the first control connection (112) to the inlet port (P1) or vents same, and a second control valve (125), which controllably connects the second control connection (122) to the outlet port (P2) or vents same.

IPC 8 full level

**B60T 8/34** (2006.01); **B60T 8/36** (2006.01)

CPC (source: EP US)

**B60T 8/32** (2013.01 - EP); **B60T 8/34** (2013.01 - EP); **B60T 8/342** (2013.01 - EP US); **B60T 8/36** (2013.01 - EP); **B60T 8/3615** (2013.01 - EP); **B60T 8/362** (2013.01 - EP US); **B60T 13/662** (2013.01 - EP US); **B60T 13/68** (2013.01 - EP); **B60T 13/683** (2013.01 - EP US); **B60T 15/36** (2013.01 - EP US); **B60T 2270/10** (2013.01 - US)

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

**DE 102018127822 A1 20200507**; BR 112021008372 A2 20210803; CN 113286730 A 20210820; EP 3877226 A1 20210915; JP 2022506698 A 20220117; JP 7203967 B2 20230113; US 12103508 B2 20241001; US 2021402971 A1 20211230; WO 2020094362 A1 20200514

DOCDB simple family (application)

**DE 102018127822 A 20181107**; BR 112021008372 A 20191017; CN 201980088043 A 20191017; EP 19794446 A 20191017; EP 2019078301 W 20191017; JP 2021524245 A 20191017; US 201917291222 A 20191017