Title (en)

VOLUME FLOW REGULATING VALVE

Title (de)

VOLUMENSTROM-REGELVENTIL

Title (fr)

RÉGULATEUR DE DÉBIT VOLUMIQUE

Publication

EP 3380257 B1 20200318 (DE)

Application

EP 16787882 A 20161028

Priority

- DE 102015223013 A 20151123
- EP 2016076029 W 20161028

Abstract (en)

[origin: WO2017089067A1] The invention relates to a volume flow regulating valve for controlling the volume flow of a fluid medium in two outflow ducts. The volume flow regulating valve is composed of a cylinder with a dual piston mounted axially displaceably in said cylinder, with a central pressure chamber (130) being formed in the region of the barbell-shaped central piece of said dual piston. Aside from an inlet for the fluid medium, it is also the case that the two outlet ducts (170-1, 170-2) are provided at said central pressure chamber (130). According to the invention, said outlet ducts are arranged on the cylinder with such an axial spacing (2d) that – when the dual piston (120) is situated in a central position in relation to the two outlet ducts – the first outlet duct (170-1) – preferably partially covered by the first piston (120-1) – and the second outlet duct (170-2) – preferably partially covered by the second piston (120-2) – each open up an equal opening cross-sectional area.

IPC 8 full level

B21B 31/07 (2006.01); **F15B 13/02** (2006.01)

CPC (source: EP RU US)

B21B 31/07 (2013.01 - RU); **B21B 31/074** (2013.01 - EP US); **F15B 13/02** (2013.01 - US)

Citation (examination)

None

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DOCDB simple family (publication)

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