

Title (en)

Mechanically self actuating volume flow regulator

Title (de)

Mechanisch selbsttätig arbeitender Volumenstromregler

Title (fr)

Régulateur de débit volumique mécanique et automatique

Publication

EP 2896906 B1 20171004 (DE)

Application

EP 14151551 A 20140117

Priority

EP 14151551 A 20140117

Abstract (en)

[origin: US2015204575A1] A mechanically automatically operated volumetric flow regulator for interior ventilation systems through which a medium flows has a housing that comprises a wall and forms part of a flow conduit. A flap valve is mounted in the interior of the housing on a shaft arranged transversely to the flow direction. The flap valve is swingable against between open and closed positions. In order to describe a volumetric flow regulator in which the flap valve position is identifiable even from outside the housing without disassembly, an indicating element, indirectly or directly connected to the flap valve and/or to the shaft and likewise moving in accordance with the movement of the flap valve, is to be provided inside and/or outside the housing, said element being arranged, for visual monitoring of the position of the flap valve, in a manner freely visible from outside the housing.

IPC 8 full level

F24F 13/14 (2006.01); **F24F 11/00** (2006.01); **F24F 11/75** (2018.01)

CPC (source: EP US)

F24F 11/75 (2017.12 - EP US); **F24F 13/029** (2013.01 - US); **F24F 13/10** (2013.01 - US); **F24F 13/14** (2013.01 - EP US); **F24F 11/52** (2017.12 - EP US); **F24F 2221/00** (2013.01 - US)

Cited by

CN106871376A; DE102015122557A1; DE102015122557B4

Designated contracting state (EPC)

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DOCDB simple family (publication)

EP 2896906 A1 20150722; **EP 2896906 B1 20171004**; BR 102015000715 A2 20160607; BR 102015000715 B1 20220906; DK 2896906 T3 20180108; ES 2652293 T3 20180201; NO 2896906 T3 20180303; PL 2896906 T3 20180430; US 2015204575 A1 20150723

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