

Title (en)

Volume flow regulator, in particular for air conditioning and ventilation devices

Title (de)

Volumenstromregler, insbesondere für klima-und lüftungstechnische Anlagen

Title (fr)

Régulateur du débit volumétrique, en particulier pour des installations de climatisation et d'aération

Publication

**EP 2154439 B1 20111228 (DE)**

Application

**EP 08013967 A 20080805**

Priority

EP 08013967 A 20080805

Abstract (en)

[origin: EP2154439A1] The controller has a control and/or throttle flap (5) supported on a shaft (4) arranged transverse to a flow direction (3) in an inner side of a channel (2). A flow barrier (6) i.e. circular diaphragm, reduces a flow cross section around partial areas (12, 13) designed as circular gaps. The shaft is arranged in the area of the cross section. A measuring device detects difference pressure of medium flowing in the channel. The measuring device has removal openings (14, 15) arranged one behind the other in a distance in the flow direction. The flow barrier is arranged between the openings.

IPC 8 full level

**F24F 13/14** (2006.01); **F24F 11/04** (2006.01)

CPC (source: EP US)

**F24F 11/74** (2017.12 - EP US); **F24F 13/029** (2013.01 - EP); **F24F 13/14** (2013.01 - EP)

Cited by

DE102013201025B4; DE102011053269A1; DE102013201025A1; DE202022105616U1; WO2024074242A1

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DOCDB simple family (publication)

**EP 2154439 A1 20100217; EP 2154439 B1 20111228**; AT E539302 T1 20120115; DK 2154439 T3 20120410; ES 2378286 T3 20120410; PL 2154439 T3 20120531; PT 2154439 E 20120321

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