

Title (en)

AIR DISTRIBUTION TERMINALS AND AIR TREATMENT SYSTEMS

Publication

EP 0186268 B1 19900613 (EN)

Application

EP 85307142 A 19851004

Priority

- GB 8425671 A 19841011
- GB 8510583 A 19850425

Abstract (en)

[origin: EP0186268A2] A fluid control valve comprising means defining a flow path for fluid (16), a variable flow restrictor in said flow path comprising a wall member (5) bounding a portion of said flowpath, and having flow passages (19) therethrough, means (20) for at least substantially closing a portion of said wall member against fluid flow therethrough, means (6) for producing relative movement between said wall member and said closure means to vary the area of said wall member exposed for fluid flow therethrough, the size of the flow passages through said wall member being such that there is at least one inlet pressure at which the valve with at least a substantial portion of the wall member exposed for fluid flow will produce a pressure drop substantially equivalent to the inlet pressure. Preferably, said valve will produce said pressure drop at inlet pressures above 498 Pa (2 inches water gauge).

IPC 1-7

F16K 47/04

IPC 8 full level

F24F 3/044 (2006.01); **F24F 11/76** (2018.01); **F24F 13/12** (2006.01)

CPC (source: EP)

F24F 3/0442 (2013.01); **F24F 11/76** (2017.12); **F24F 13/068** (2013.01); **F24F 13/12** (2013.01)

Cited by

EP3306217A1; EP3929496A1; US2021404477A1; WO2014166517A1; US11333396B2; WO2018065363A1

Designated contracting state (EPC)

BE DE FR IT LU NL SE

DOCDB simple family (publication)

EP 0186268 A2 19860702; **EP 0186268 A3 19870708**; **EP 0186268 B1 19900613**; DE 3578204 D1 19900719

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