

Title (en)  
Gas or air flow regulators

Title (de)  
Gas- oder Luftdurchflussregler

Title (fr)  
Régulateur de débit de gaz ou d'air

Publication  
**EP 0690272 B1 19991117 (EN)**

Application  
**EP 95303677 A 19950530**

Priority  
GB 9413284 A 19940701

Abstract (en)  
[origin: EP0690272A2] Apparatus is described for regulating the flow of gas or air under pressure between two regions (A,B). The apparatus comprises a wall (10) which separates the two regions (A,B) and which has an aperture (12) through which gas or air flow is regulated by a regulating flap (14). The apparatus is characterised by the provision of irregularities on one or more surfaces (22,24) adjacent to which the air or gas flows, the irregularities serving to reduce the generation of noise. <MATH>

IPC 1-7  
**F24F 13/14**; **F24F 13/24**

IPC 8 full level  
**F24F 13/14** (2006.01); **F24F 13/24** (2006.01)

CPC (source: EP)  
**F24F 13/14** (2013.01); **F24F 13/1406** (2013.01); **F24F 13/24** (2013.01)

Cited by  
DE102007016184A1; DE102007036824B4; EP1695848A1; DE10018268B4; EP2433826A1; US7520803B2; DE102005008330B4; DE19717335A1; DE19717335B4; EP1580049A1; EP2508815A1; DE102007036824A1

Designated contracting state (EPC)  
DE ES FR IT

DOCDB simple family (publication)  
**EP 0690272 A2 19960103**; **EP 0690272 A3 19961030**; **EP 0690272 B1 19991117**; DE 69513334 D1 19991223; DE 69513334 T2 20000511; ES 2138148 T3 20000101; GB 2290849 A 19960110; GB 2290849 B 19980527; GB 9413284 D0 19940824

DOCDB simple family (application)  
**EP 95303677 A 19950530**; DE 69513334 T 19950530; ES 95303677 T 19950530; GB 9413284 A 19940701