

Title (en)
Flow rate controller

Title (de)
Strömungsmengenregler

Title (fr)
Régulateur de débit

Publication
EP 1318359 A3 20050525 (DE)

Application
EP 02026212 A 20021126

Priority
• DE 20119695 U 20011204
• DE 10204388 A 20020204

Abstract (en)
[origin: EP1318359A2] A rectangular-sectioned housing (1) contains a flap (2) mounted on an angled axle (15) on the housing walls (4) against the shorter rectangular sides. The flap is held in a position by a spring element (21) more or less closing the flow-cross-section against the force exerted on it by the flow. One arm of the flap is parallel with the pipe's axis in an open position; the other arm (51) is at right angles to it, in a closed position. The housing walls (5) against the longer rectangular sides curve into the flow by means of multiple flat tilting.

IPC 1-7
F24F 11/04; **F24F 13/14**

IPC 8 full level
F24F 13/14 (2006.01)

CPC (source: EP)
F24F 13/1426 (2013.01); **F24F 2013/146** (2013.01)

Citation (search report)
• [Y] DE 2758352 A1 19790705 - SIEGWART EMIL
• [Y] US 5220940 A 19930622 - PALMER DAVID [US]
• [A] DE 2618037 A1 19771110 - SIEGWART EMIL
• [A] DE 8902922 U1 19891109

Cited by
EP2154439A1; EP3244134A1; EP3564597A1; EP3106770A1; DE102015109653A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LI LU MC NL PT SE SK TR

DOCDB simple family (publication)
EP 1318359 A2 20030611; **EP 1318359 A3 20050525**; **EP 1318359 B1 20100908**

DOCDB simple family (application)
EP 02026212 A 20021126