

Title (en)
Flow rate controller

Title (de)
Strömungsmengenregler

Title (fr)
Régulateur de débit

Publication
EP 1318357 B1 20091021 (DE)

Application
EP 02026210 A 20021126

Priority
• DE 10159635 A 20011204
• DE 10204387 A 20020204

Abstract (en)
[origin: EP1318357A2] The housing (1) contains a flap (2) mounted on an angled axle (15) with one arm (50) parallel, in an open position, with the pipe's axis, in a backward flow direction; and the other arm (51), in a closed position, at right angles to the pipe's axis. Two parallel spring elements (21) are attached to a bar (28) penetrating the housing wall (5) and grip the lever arm (17) fixed to the flap. The bar has a scale on its casing (25) on the outer housing wall, with a transverse part (29) possessing a thread for a threaded pin (32) supported on a casing's base part (23,27). The bar is freely movable in and or with the transverse part.

IPC 8 full level
F24F 11/00 (2006.01); **F24F 13/14** (2006.01)

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

Cited by
CN108731174A

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

Designated extension state (EPC)
RO SI

DOCDB simple family (publication)
EP 1318357 A2 20030611; EP 1318357 A3 20050608; EP 1318357 B1 20091021; AT E446486 T1 20091115; DE 10204387 A1 20030612; DE 50213940 D1 20091203; DK 1318357 T3 20100125; ES 2334107 T3 20100305; PT 1318357 E 20091124; SI 1318357 T1 20100129

DOCDB simple family (application)
EP 02026210 A 20021126; AT 02026210 T 20021126; DE 10204387 A 20020204; DE 50213940 T 20021126; DK 02026210 T 20021126; ES 02026210 T 20021126; PT 02026210 T 20021126; SI 200230857 T 20021126