

Title (en)  
Flow controller

Title (de)  
Stahlregler

Title (fr)  
Régulateur de débit

Publication  
**EP 2336431 A3 20110706 (DE)**

Application  
**EP 11002090 A 20051231**

Priority  
• EP 05821783 A 20051231  
• DE 102005001419 A 20050112

Abstract (en)  
[origin: DE102005001419B3] The regulator has a jet division mechanism (2), allowing water to flow into a multiplicity of single jets. A single jet is provided on a junction (3) and has crossing lattice bars (4, 5) forming a grid network and laterally connected at the outlet side (6). The junction is arranged as inflow of the grid network (6). The nozzle is a ventilated nozzle (1) with a nozzle housing (7) with an opening (8) provided. Inside the housing a part is provided for keeping the water jet away from the ventilation opening. The grid network is arranged as a plate. The lattice bars inflow-laterally within the range of their individual junctions (9) and are longitudinal or edge-laterally rounded or tapered.

IPC 8 full level  
**E03C 1/084** (2006.01)

CPC (source: EP US)  
**E03C 1/084** (2013.01 - EP US)

Citation (search report)  
• [XA] US 4313564 A 19820202 - SHAMES SIDNEY J, et al  
• [X] DE 10313501 A1 20041014 - WILDFANG DIETER GMBH [DE]  
• [E] EP 1616999 A1 20060118 - DYAPASON SRL [IT]  
• [A] US 4537360 A 19850827 - BOCK ROBERT E [US]

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

DOCDB simple family (publication)  
**DE 102005001419 B3 20060524**; CN 101099009 A 20080102; CN 101099009 B 20100721; CN 101787724 A 20100728; CN 101787724 B 20120418; DK 1836356 T3 20131202; EP 1836356 A1 20070926; EP 1836356 B1 20130918; EP 2336431 A2 20110622; EP 2336431 A3 20110706; EP 2336431 B1 20151028; ES 2435043 T3 20131218; ES 2553378 T3 20151209; PL 1836356 T3 20140331; PL 2336431 T3 20160331; PT 1836356 E 20131223; US 2008169361 A1 20080717; US 7757969 B2 20100720; WO 2006074820 A1 20060720

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**DE 102005001419 A 20050112**; CN 200580046509 A 20051231; CN 201010002519 A 20051231; DK 05821783 T 20051231; EP 05821783 A 20051231; EP 11002090 A 20051231; EP 2005014167 W 20051231; ES 05821783 T 20051231; ES 11002090 T 20051231; PL 05821783 T 20051231; PL 11002090 T 20051231; PT 05821783 T 20051231; US 81363705 A 20051231