

Title (en)  
Flow regulator

Title (de)  
Strahlregler

Title (fr)  
Régulateur de débit

Publication  
**EP 2180102 A3 20110302 (DE)**

Application  
**EP 09013078 A 20091016**

Priority  
DE 102008052541 A 20081021

Abstract (en)  
[origin: EP2180102A2] The aerator (1) has an aerator housing (2) with a jet fractionating device (3) placed in interior. Lattice structures (6, 7, 15) are spaced at a distance from the jet fractionating device in a flow direction. A set of pins is provided between the jet fractionating device and a housing portion that is arranged adjacent to one of the lattice structures. The pins extend over a distance between the jet fractionating device and the lattice structure, where the pins are spaced at a distance from each other and are oriented in the flow direction.

IPC 8 full level  
**E03C 1/08** (2006.01)

CPC (source: EP US)  
**E03C 1/08** (2013.01 - EP US)

Citation (search report)

- [X] DE 102005001419 B3 20060524 - NEOPERL GMBH [DE]
- [AD] DE 20115636 U1 20030213 - WILDFANG DIETER GMBH [DE]
- [A] WO 9816695 A1 19980423 - WILDFANG DIETER GMBH [DE], et al

Cited by  
EP3219860A1; EP3796667A4

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

Designated extension state (EPC)  
AL BA RS

DOCDB simple family (publication)  
**EP 2180102 A2 20100428; EP 2180102 A3 20110302; EP 2180102 B1 20150225**; CN 101725167 A 20100609; CN 101725167 B 20120704; DE 102008052541 A1 20100422; ES 2536519 T3 20150526; US 2010102145 A1 20100429; US 8561922 B2 20131022

DOCDB simple family (application)  
**EP 09013078 A 20091016**; CN 200910206810 A 20091021; DE 102008052541 A 20081021; ES 09013078 T 20091016; US 58050409 A 20091016