Title (en)

FLOW REGULATOR

Title (de)

STRAHLREGLER

Title (fr)

REGULATEUR DE DEBIT

Publication

EP 3009571 B1 20180328 (DE)

Application

EP 15003211 A 20130821

Priority

- DE 202012010420 U 20121102
- EP 13753278 A 20130821

Abstract (en)

[origin: WO2014067594A1] Disclosed is a jet regulator (100) comprising a jet regulator housing (2), in the housing interior of which a hole panel (5) is provided with a plurality of flow-through holes (6) for dividing the streaming water. The jet regulator described is characterised in that at least one flow-through hole (6) extends conically towards its outflow side in at least one outflow-side hole section. It is also possible for flow obstacles to be provided on the outflow side of the hole plate (5) in the jet regulator housing (2) and/or on the outflow front face of the jet regulator housing, which are arranged or concentrated there in a central or middle region and which deflect the streaming water into an outer annular zone. This jet regulator (100) enables an aerated and thereby sparkling-soft water jet to be generated even with low flow-through performances and low water pressures (cf. figure 12).

IPC 8 full level

E03C 1/084 (2006.01)

CPC (source: EP US)

E03C 1/084 (2013.01 - EP US); E03C 1/08 (2013.01 - US); E03C 1/086 (2013.01 - US)

Designated contracting state (EPC)

AL 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 RS SE SI SK SM TR

DOCDB simple family (publication)

DE 202012010420 U1 20140203; BR 112014025582 A2 20170620; BR 112014025582 B1 20210629; EP 2914784 A1 20150909; EP 2914784 B1 20171101; EP 3009571 A1 20160420; EP 3009571 B1 20180328; ES 2654183 T3 20180212; ES 2674646 T3 20180703; MX 2014012878 A 20150212; MX 348998 B 20170706; PL 2914784 T3 20180330; PL 3009571 T3 20180831; TR 201808463 T4 20180723; US 10280600 B2 20190507; US 2015102133 A1 20150416; US 2019211538 A1 20190711; WO 2014067594 A1 20140508

DOCDB simple family (application)

DE 202012010420 U 20121102; BR 112014025582 A 20130821; EP 13753278 A 20130821; EP 15003211 A 20130821; EP 2013002520 W 20130821; ES 13753278 T 20130821; ES 15003211 T 20130821; MX 2014012878 A 20130821; PL 13753278 T 20130821; PL 15003211 T 20130821; TR 201808463 T 20130821; US 201314403472 A 20130821; US 201916357891 A 20190319