

Title (en)  
JET REGULATOR WITH HOUSING

Title (de)  
STRAHLREGLER MIT EINEM EINBAUGEHÄUSE

Title (fr)  
REGULATEUR DE JET AVEC UNE ENCEINTE

Publication  
**EP 2964844 A1 20160113 (DE)**

Application  
**EP 14703775 A 20140207**

Priority  
• DE 202013001994 U 20130304  
• EP 2014000342 W 20140207

Abstract (en)  
[origin: WO2014135241A1] The invention relates to a tap aerator (1) comprising a mounting housing and containing, in said mounting housing (2), an insert part that is designed as a jet divider and diffuser (7) which interacts with a diffuser ring (8). The annular retainer regions (7a) and (8a) of said diffuser (7) and diffuser ring (8), each arranged on the largest outer circumference, are located, when in a use position, in the interior of the mounting housing (2) at different height positions relative to one another in the axial direction, i.e. the retainer region (7a) of the diffuser (7) is not enclosed and the largest outer diameter of the diffuser ring (8) and its retainer region (8a) is only as large as, or if required even smaller than, the largest outer diameter of the diffuser (7) and its retainer region (7a). This allows the formation of an arrangement which saves space in the radial direction.

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

CPC (source: EP US)  
**E03C 1/084** (2013.01 - EP US); **E03C 1/086** (2013.01 - US)

Citation (search report)  
See references of WO 2014135241A1

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

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
**DE 202013001994 U1 20140611**; BR 112015020156 A2 20170718; BR 112015020156 B1 20210824; CN 105026659 A 20151104; CN 105026659 B 20171201; EP 2964844 A1 20160113; EP 2964844 B1 20170628; ES 2638184 T3 20171019; MX 2015010300 A 20151113; MX 364700 B 20190506; PL 2964844 T3 20180131; US 10407885 B2 20190910; US 2016017580 A1 20160121; WO 2014135241 A1 20140912

DOCDB simple family (application)  
**DE 202013001994 U 20130304**; BR 112015020156 A 20140207; CN 201480012531 A 20140207; EP 14703775 A 20140207; EP 2014000342 W 20140207; ES 14703775 T 20140207; MX 2015010300 A 20140207; PL 14703775 T 20140207; US 201414772034 A 20140207