

Title (en)
FLOW REGULATOR

Title (de)
STRAHLREGLER

Title (fr)
RÉGULATEUR DE JET

Publication
EP 3679197 B1 20220119 (DE)

Application
EP 18742934 A 20180620

Priority
• DE 202017105379 U 20170906
• EP 2018066325 W 20180620

Abstract (en)
[origin: CN208563473U] The utility model relates to a jet aerator, the purpose is sealing in the region that is showing between the interior periphery that improves in the outlet that the accessory was arranged in the casing outer peripheral edges and the health play of jet aerator casing. The utility model discloses a jet aerator includes the jet aerator casing, the jet aerator casing has the external screw thread in its casing outer peripheral edges to in the internal thread in the outlet of wrong income health play row accessory, wherein, circumferential orientation is buckled like this in the casing subregion court outlet of the setting of jet aerator casing on the outflow of external screw thread is inclined, makes and form the annular space of emission between the interior periphery of this casing subregion and outlet. The beneficial effects are that, through threaded connection and through the annulus region between the interior periphery of casing outer peripheral edges and outlet up to the casing subregion and especially up to end week of the outflow of jet aerator casing side the fringe region percolating water can assemble and discharging annular space.

IPC 8 full level
E03C 1/084 (2006.01)

CPC (source: CN EP US)
E03C 1/084 (2013.01 - EP US); **E03C 1/086** (2013.01 - CN 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 202017105379 U1 20181207; BR 112019022783 A2 20200519; CN 109457768 A 20190312; CN 109457768 B 20210330; CN 111051622 A 20200421; CN 111051622 B 20210730; CN 111051623 A 20200421; CN 111051623 B 20220722; CN 208563473 U 20190301; EP 3679197 A1 20200715; EP 3679197 B1 20220119; EP 3679199 A1 20200715; EP 3679199 B1 20211020; ES 2903355 T3 20220401; ES 2911875 T3 20220523; MX 2019012746 A 20200114; PL 3679197 T3 20220523; PL 3679199 T3 20220307; US 2020199857 A1 20200625; US 2021277638 A1 20210909; WO 2019048099 A1 20190314; WO 2019048576 A1 20190314

DOCDB simple family (application)
DE 202017105379 U 20170906; BR 112019022783 A 20180620; CN 201810211515 A 20180315; CN 201820351877 U 20180315; CN 201880052099 A 20180620; CN 201880056152 A 20180906; EP 18742934 A 20180620; EP 18773353 A 20180906; EP 2018066325 W 20180620; EP 2018074066 W 20180906; ES 18742934 T 20180620; ES 18773353 T 20180906; MX 2019012746 A 20180620; PL 18742934 T 20180620; PL 18773353 T 20180906; US 201816624608 A 20180620; US 201816641392 A 20180906