Title (en)

ATOMISER NOZZLE

Title (de)

ZERSTÄUBERDÜSE

Title (fr)

BUSE D'ATOMISEUR

Publication

**EP 3277433 A1 20180207 (EN)**

Application

**EP 16715077 A 20160404**

Priority

- GB 201505763 A 20150402
- GB 2016050955 W 20160404

Abstract (en)

[origin: GB2525504A] An atomiser nozzle (10 figure 1) for controlling a flow of water from a tap comprising a housing 12a, 12b having an inlet 14, first and second outlets 16a, 16b, first and second flow paths from the inlet 14 to the respective outlet 16a, 16b. There is a flow-switching mechanism to direct the flow of water along either the first flow path or the second flow path. The first flow path directing water through a first internal chamber 18, a deflector 32 disposed within the first chamber 18, and the first outlet 16a. The second flow path directing the flow of water through a second internal chamber 19, and the second outlet 16b, allowing substantially unrestricted flow by bypassing the deflector (32 figure 3A). In use, the first flow path yielding an atomised flow of water, and the second flow path yielding a substantially laminar flow of water.

IPC 8 full level

**B05B 1/12** (2006.01); **B05B 1/16** (2006.01); **B05B 1/34** (2006.01); **B05B 15/00** (2018.01); **E03C 1/084** (2006.01); **E03C 1/086** (2006.01)

CPC (source: CN EP GB US)

**B05B 1/12** (2013.01 - CN EP GB US); **B05B 1/1654** (2013.01 - CN EP); **B05B 1/3415** (2013.01 - CN EP GB); **E03C 1/08** (2013.01 - GB); **E03C 1/084** (2013.01 - CN EP); **E03C 1/086** (2013.01 - CN EP); B05B 15/40 (2018.01 - EP US)

Citation (search report)

See references of WO 2016156884A1

Cited by

EP4190984A1

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)

**GB 201505763 D0 20150520**; **GB 2525504 A 20151028**; **GB 2525504 B 20160406**; CN 107995879 A 20180504; CN 107995879 B 20201225; EP 3277433 A1 20180207; EP 3277433 B1 20211117; HK 1216868 A1 20161209; WO 2016156884 A1 20161006

DOCDB simple family (application)

**GB 201505763 A 20150402**; CN 201680032246 A 20160404; EP 16715077 A 20160404; GB 2016050955 W 20160404; HK 16104770 A 20160426