

Title (en)

ATOMIZER NOZZLE FOR A SANITARY WATER OUTLET AND SANITARY OUTLET FITTING WITH A WATER OUTLET

Title (de)

ZERSTÄUBERDÜSE FÜR EINEN SANITÄREN WASSERAUSLAUF SOWIE SANITÄRE AUSLAUFARMATUR MIT EINEM WASSERAUSLAUF

Title (fr)

BUSE DE PULVÉRISATION POUR SORTIE D'EAU SANITAIRE ET ROBINET SANITAIRE POURVU D'UNE SORTIE D'EAU

Publication

EP 2969234 A1 20160120 (DE)

Application

EP 14700966 A 20140121

Priority

- DE 202013002283 U 20130311
- EP 2014000152 W 20140121

Abstract (en)

[origin: WO2014139615A1] The invention relates to an atomizer nozzle (1) for a sanitary water outlet, which atomizer nozzle (1) is intended for atomizing water under pressure. The characterizing feature of the atomizer nozzle (1) according to the invention is that the atomizer nozzle (1) has a swirl chamber (2), in which at least a feed channel (4) that is oriented transversely in relation to the longitudinal axis of the nozzle and runs approximately tangentially into the swirl chamber (2) opens out, wherein the swirl chamber (2) tapers in the outflow direction, in the direction of a nozzle channel (5). The atomizer nozzle (1) can be used to produce a water jet of a homogeneous jet pattern that gives the impression of a voluminous water jet in spite of having a low volumetric flow.

IPC 8 full level

B05B 1/18 (2006.01); **B05B 1/34** (2006.01); **E03C 1/04** (2006.01); **E03C 1/08** (2006.01); **E03C 1/086** (2006.01)

CPC (source: EP US)

B05B 1/06 (2013.01 - EP US); **B05B 1/185** (2013.01 - EP US); **B05B 1/3436** (2013.01 - EP US); **E03C 1/0408** (2013.01 - US); **E03C 1/0409** (2013.01 - EP US); **E03C 1/08** (2013.01 - EP US)

Citation (search report)

See references of WO 2014139615A1

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 202013002283 U1 20140612; CN 105008054 A 20151028; CN 105008054 B 20180904; EP 2969234 A1 20160120; EP 2969234 B1 20170315; US 2016001307 A1 20160107; US 9623426 B2 20170418; WO 2014139615 A1 20140918

DOCDB simple family (application)

DE 202013002283 U 20130311; CN 201480013484 A 20140121; EP 14700966 A 20140121; EP 2014000152 W 20140121; US 201414768939 A 20140121