

Title (en)
SPRAY JET GENERATING DEVICE

Title (de)
BRAUSESTRAHLERZEUGUNGSVORRICHTUNG

Title (fr)
DISPOSITIF DE PRODUCTION DE JETS

Publication
EP 3305412 B1 20201118 (DE)

Application
EP 17194704 A 20171004

Priority
DE 102016219551 A 20161007

Abstract (en)
[origin: US2018099295A1] A shower jet generating device for a sanitary shower head has a jet disk that delimits a fluid chamber on the outlet side and has at least one jet disk opening. A fluid outlet element is disposed on the at least one jet disk opening and is movable in an axial main direction component, which element includes a movable valve body having a fluid outlet opening issuing from the fluid chamber. The fluid outlet opening is unblocked in an unblocking position of the fluid outlet element and is blocked in a blocking position of the fluid outlet element in response to a fluid pressure in the fluid chamber. The movable valve body cooperates with an unmovable valve seat which unblocks the fluid outlet opening in the unblocking position of the fluid outlet element and blocks it in a blocking position of the fluid outlet element.

IPC 8 full level
B05B 1/18 (2006.01); **B05B 1/30** (2006.01); **B05B 1/32** (2006.01); **B05B 15/528** (2018.01)

CPC (source: CN EP RU US)
B05B 1/02 (2013.01 - CN); **B05B 1/18** (2013.01 - RU); **B05B 1/185** (2013.01 - CN EP US); **B05B 1/3006** (2013.01 - EP US); **B05B 1/323** (2013.01 - CN US); **B05B 15/528** (2018.02 - EP US); **E03C 1/08** (2013.01 - CN)

Cited by
EP3586974A1; WO2023180466A1

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)
EP 3305412 A1 20180411; **EP 3305412 B1 20201118**; CN 107913807 A 20180417; CN 107913807 B 20200825; DE 102016219551 A1 20180412; DE 102016219551 B4 20220105; RU 2668252 C1 20180927; US 10821453 B2 20201103; US 2018099295 A1 20180412; ZA 201706662 B 20190529

DOCDB simple family (application)
EP 17194704 A 20171004; CN 201710913672 A 20170930; DE 102016219551 A 20161007; RU 2017134870 A 20171004; US 201715722411 A 20171002; ZA 201706662 A 20171004