

Title (en)
VENTILATION ARRANGEMENT FOR SHOWER STREAMS

Title (de)
BELÜFTUNGSANORDNUNG FÜR BRAUSESTRAHLEN

Title (fr)
ENSEMBLE D'AÉRATION POUR DES JETS DE DOUCHE

Publication
EP 2214837 B1 20170823 (DE)

Application
EP 08855307 A 20081125

Priority
• EP 2008009955 W 20081125
• DE 102007058835 A 20071130

Abstract (en)
[origin: WO2009068236A1] The invention relates to a ventilation device for ventilating shower streams that is configured as an insert, and that may be utilized in a connection of a sanitary fitting, particularly in the connection of a shower head housing. The insert contains at least one water throughput channel (15) connected to a ventilation channel (18, 19, 20, 21) such that air is suctioned in through the ventilation channel (18, 19, 20, 21) when a flow passes through the water throughput channel (15), ventilating the water stream. The insert may have a receptacle for a flow restrictor (11). A backflow preventer (13) may be provided in order to prevent water leakage from the exterior end of the ventilation channel.

IPC 8 full level
B05B 1/18 (2006.01); **B05B 7/04** (2006.01); **E03C 1/084** (2006.01)

CPC (source: EP US)
B05B 7/0425 (2013.01 - EP US); **E03C 1/084** (2013.01 - EP US); **B05B 1/18** (2013.01 - EP US); **Y10T 137/87571** (2015.04 - EP US); **Y10T 137/87603** (2015.04 - EP US); **Y10T 137/87643** (2015.04 - EP US)

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)
DE 102007058835 A1 20090604; CN 101970126 A 20110209; CN 101970126 B 20150429; DK 2214837 T3 20171106; EP 2214837 A1 20100811; EP 2214837 B1 20170823; ES 2647089 T3 20171219; JP 2011504800 A 20110217; PL 2214837 T3 20180131; US 2010276021 A1 20101104; US 8534325 B2 20130917; WO 2009068236 A1 20090604

DOCDB simple family (application)
DE 102007058835 A 20071130; CN 200880118410 A 20081125; DK 08855307 T 20081125; EP 08855307 A 20081125; EP 2008009955 W 20081125; ES 08855307 T 20081125; JP 2010535276 A 20081125; PL 08855307 T 20081125; US 74427308 A 20081125