

Title (en)
SHOWER DEVICE

Title (de)
DUSCHVORRICHTUNG

Title (fr)
DISPOSITIF DE DOUCHE

Publication
EP 3328551 A1 20180606 (DE)

Application
EP 17726931 A 20170530

Priority
• DE 102016110069 A 20160531
• EP 2017063021 W 20170530

Abstract (en)
[origin: WO2017207560A1] The invention relates to a shower device for generating at least one water jet pattern (2, 3), said device having a structural arrangement (4), a nozzle arrangement (7), and a lighting arrangement (8). According to the invention: the structural arrangement (4) provides an outflow opening (9) for the outflow of the water (W) emitted from the nozzle arrangement (7), and comprises an outer edge region (11) running around the edge (10) of the outflow opening (9); while the shower is operating, the outflow opening (9), at any point in time, is only partially covered by the outflow of water (W); the nozzle arrangement (7) on the outer edge region (11) is distributed along at least one portion of the edge (10) of the outflow opening (9); and while the shower is operating, each path of the water (W) emitted from the nozzle arrangement (7) runs from the edge region (11) towards the outflow opening (9), and subsequently through the outflow opening (9).

IPC 8 full level
B05B 1/18 (2006.01); **E03C 1/04** (2006.01); **F21V 33/00** (2006.01)

CPC (source: EP RU US)
B05B 1/18 (2013.01 - RU); **B05B 1/185** (2013.01 - EP US); **E03C 1/04** (2013.01 - RU); **E03C 1/0408** (2013.01 - EP US); **F21V 33/00** (2013.01 - RU); **F21V 33/004** (2013.01 - EP US); **B05B 1/02** (2013.01 - US)

Citation (search report)
See references of WO 2017207560A1

Cited by
DE102022134856A1; DE102022134853A1

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 102016110069 A1 20171130; CN 108348932 A 20180731; CN 108348932 B 20211221; EP 3328551 A1 20180606; EP 3328551 B1 20191002; HK 1258910 A1 20191122; RU 2018109232 A 20200709; RU 2018109232 A3 20200901; RU 2735361 C2 20201030; US 11534775 B2 20221227; US 2019076855 A1 20190314; WO 2017207560 A1 20171207

DOCDB simple family (application)
DE 102016110069 A 20160531; CN 201780003341 A 20170530; EP 17726931 A 20170530; EP 2017063021 W 20170530; HK 19101387 A 20190128; RU 2018109232 A 20170530; US 201715751695 A 20170530