

Title (en)  
Shower head

Title (de)  
Brause

Title (fr)  
Pomme de douche

Publication  
**EP 2684610 B2 20210811 (DE)**

Application  
**EP 13174601 A 20130702**

Priority  
DE 102012212300 A 20120713

Abstract (en)  
[origin: EP2684610A1] The device has shower head housing (2) comprising a jet disk (7) having a number of jet outlet openings (8, 8a), which form a set of groups of jet outlet openings. A water conduit (5) moves from a water inlet (3) into the shower head housing. Two chambers (12, 21) are formed in the shower head housing and fluidly coupled in parallel to the water inlet through the water conduit. The chambers supply water to the groups of jet outlet openings, and are arranged consecutively behind the jet disk in the shower head housing. The jet outlet openings are arranged identical to each other.

IPC 8 full level  
**B05B 1/16** (2006.01); **B05B 1/18** (2006.01); **B05B 1/30** (2006.01)

CPC (source: BR CN EP KR RU US)  
**A47K 3/28** (2013.01 - BR KR); **B05B 1/16** (2013.01 - CN EP US); **B05B 1/1609** (2013.01 - EP US); **B05B 1/1636** (2013.01 - EP US); **B05B 1/1681** (2013.01 - EP US); **B05B 1/18** (2013.01 - CN EP KR US); **B05B 1/3006** (2013.01 - EP US); **B05B 12/002** (2013.01 - CN); **B05B 1/18** (2013.01 - RU)

Citation (opposition)  
Opponent :

- AT 384376 B 19871110 - HANSA METALLWERKE AG [DE]
- EP 0591877 A1 19940413 - SCHEFFER OHG FRANZ [DE]
- CN 101716560 A 20100602 - XIAMEN EASO SHOWER CO LTD
- DE 2821195 A1 19791115 - GUENTHER RATHSACK INGENIEURTEC
- GB 2155817 A 19851002 - HITACHI MAXELL
- WO 2011088544 A1 20110728 - KOBELT JACOB [CA]
- DE 102004056455 A1 20060601 - MALAMUTMANN EUGEN [DE], et al

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Designated contracting state (EPC)  
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DOCDB simple family (publication)  
**EP 2684610 A1 20140115; EP 2684610 B1 20180829; EP 2684610 B2 20210811**; AR 091758 A1 20150225; BR 102013017945 A2 20150908; CN 103706495 A 20140409; CN 103706495 B 20161228; DE 102012212300 A1 20140116; DK 2684610 T3 20181217; DK 2684610 T4 20211108; ES 2695553 T3 20190109; ES 2695553 T5 20220222; JP 2014018662 A 20140203; JP 6250966 B2 20171220; KR 101865228 B1 20180704; KR 20140009049 A 20140122; PL 2684610 T3 20190131; PL 2684610 T5 20211206; RU 2013131448 A 20150120; RU 2620436 C2 20170525; TW 201404470 A 20140201; TW I635909 B 20180921; US 2014014743 A1 20140116; US 9199252 B2 20151201; ZA 201304948 B 20140226

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**EP 13174601 A 20130702**; AR P130102500 A 20130712; BR 102013017945 A 20130712; CN 201310292872 A 20130712; DE 102012212300 A 20120713; DK 13174601 T 20130702; ES 13174601 T 20130702; JP 2013147016 A 20130712; KR 20130081095 A 20130710; PL 13174601 T 20130702; RU 2013131448 A 20130710; TW 102124969 A 20130711; US 201313938407 A 20130710; ZA 201304948 A 20130703