

Title (en)

Aerator device and shower comprising such aerator

Title (de)

Belüftungsvorrichtung und Dusche mit dieser Belüftungsvorrichtung

Title (fr)

Dispositif d'aération et douche avec ce dispositif d'aération

Publication

EP 2756878 A1 20140723 (EN)

Application

EP 13199201 A 20131220

Priority

IT BS20130004 A 20130122

Abstract (en)

Assembly (1) for the aeration and dispensing of a flow of water, comprising a shower which defines nozzles for the dispensing of a plurality of jets of water and which comprises a shower body (2) ending proximally with a connection portion (4), and a water supply tube (6) of the nozzles mechanically constrained to the connection portion (4) by means of a blocking component (8), wherein the connection portion (4) and the blocking component (8) have complementary coupling means. The assembly further comprises an aerator device (10) partially interposed between the connection portion (4) and the supply tube (6) to create an air-suction passage; and which delimits a mixing chamber (14) of the water entering the shower body (2) and a flow of external air transiting through the air-suction passage. In addition, the air-suction passage comprises a space (16) comprised between the complementary coupling means.

IPC 8 full level

B01F 5/04 (2006.01); **B01F 3/04** (2006.01); **E03C 1/084** (2006.01)

CPC (source: EP)

B01F 23/2323 (2022.01); **B01F 25/31242** (2022.01); **B05B 7/0425** (2013.01); **E03C 1/084** (2013.01); **B05B 1/18** (2013.01)

Citation (applicant)

- CN 201720146 U 20110126 - WEI QU
- CN 202045036 U 20111123 - XIAMEN JIELANG SANITARY WARE CO LTD

Citation (search report)

- [X] WO 2011007983 A2 20110120 - DONG A ID CO LTD [KR], et al
- [A] US 2012248221 A1 20121004 - ONUKI MAKOTO [JP]
- [A] KR 20090007829 U 20090803

Cited by

DE102015008747A1; CN110030448A; CZ306447B6; GR20170100128A; DE202015004825U1; WO2017005336A1; US10400432B2

Designated contracting state (EPC)

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Designated extension state (EPC)

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