

Title (en)

MULTIPLE JET SHOWER WITH AERATION DEVICE

Title (de)

MEHRFACHSTRAHLDUSCHE MIT LUFTZUMISCHUNG

Title (fr)

DISPOSITIF D'AERATION POUR POMME DE DOUCHE A JET VARIABLE

Publication

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Application

EP 98924810 A 19980520

Priority

- IT TO970481 A 19970603
- US 9810306 W 19980520

Abstract (en)

[origin: WO9855704A1] An aerating device (15) for a shower (10) where the shower includes a water chamber (11) having a connection (12) for the supply of pressurized water and having a first perforated plate (13) that forms a wall of the water chamber and that is provided with a plurality of holes (14). Each hole of the first plate is constructed as to project a single jet of water. The aerating device comprises a second perforated plate (16), positioned downstream from the first plate, to make an air chamber (20) between the two plates. The second plate has a plurality of holes (17), each of which is aligned along the direction of projection of the respective jet of water of a corresponding hole (14) of the first plate. An air intake (19) is positioned between the air chamber (20) and the outside environment. The aerating device (15) makes it possible to aerate by way of the Venturi effect, at the outlet of the shower to eliminate any resistance after the jets have been formed for providing a highly efficient device.

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IPC 8 full level

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CPC (source: EP)

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Citation (search report)

- [X] US 2797906 A 19570702 - AGHNIDES ELIE P
- [X] FR 2552681 A1 19850405 - HANSA METALLWERKE AG [DE]
- See also references of WO 9855704A1

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