

Title (en)

Atomiser device for producing a finely atomised fluid

Title (de)

Zerstäuberanordnung zur Abgabe eines fein zerstäubten Fluids

Title (fr)

Agencement de gicleur destiné au dépôt d'un fluide finement giclé

Publication

**EP 1978241 B1 20100721 (DE)**

Application

**EP 08101568 A 20080213**

Priority

DE 102007016481 A 20070405

Abstract (en)

[origin: EP1978241A1] The arrangement has an injection opening (11) for dispensing a fan beam of a fluid, and a direct through-flowable vestibule (15) formed directly before the injection opening. The vestibule causes collision flow of the liquid, and the injection opening is formed on a injection structure (7) i.e. injection plate (6). The injection opening is a slot opening (9), and the vestibule is formed as a rotationally symmetrical vestibule or as a slot vestibule. The injection plate and/or a blow plate (4) is formed as a silicon plate.

IPC 8 full level

**F02M 61/18** (2006.01)

CPC (source: EP)

**F02M 61/1853** (2013.01)

Cited by

US9333466B2; US9221016B2; US9771847B2; US10260389B2; US8806853B2; US9482154B2; US9957864B2

Designated contracting state (EPC)

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**EP 1978241 A1 20081008; EP 1978241 B1 20100721**; DE 102007016481 A1 20081009; DE 502008000972 D1 20100902

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