

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)

CZ DE FR GB

DOCDB simple family (publication)

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

DOCDB simple family (application)

EP 08101568 A 20080213; DE 102007016481 A 20070405; DE 502008000972 T 20080213