

Title (en)

Nozzle head and rotary atomiser with same

Title (de)

Düsenkopf und Rotationszerstäuber mit einem solchen

Title (fr)

Tête de buse et pulvérisateur rotatif doté de celle-ci

Publication

**EP 2460591 B1 20190123 (DE)**

Application

**EP 11009306 A 20111124**

Priority

DE 102010053134 A 20101201

Abstract (en)

[origin: EP2460591A1] dadurch gekennzeichnet, dass The nozzle head has a laval-ring nozzle (56) that is arranged at a bell shaped plate (8) with respect to rotational axis (18). A dispensing ring gap (44) is formed at the laval-ring nozzle for allowing the flow of working fluid to the outflow surface (34) of the bell shaped plate. A guide structure (40) having a rotationally symmetric lateral surface (38) with respect to the rotational axis, is surrounded by the outer circumferential surface (16) of the bell-shaped plate.

IPC 8 full level

**B05B 3/10** (2006.01); **B05B 5/04** (2006.01)

CPC (source: EP)

**B05B 3/1092** (2013.01); **B05B 5/0426** (2013.01)

Cited by

RU2648430C2; CN106216119A; US9707578B2; WO2013178327A1; US12090506B2

Designated contracting state (EPC)

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DOCDB simple family (publication)

**EP 2460591 A1 20120606**; **EP 2460591 B1 20190123**; CN 102527535 A 20120704; CN 102527535 B 20170301;  
DE 102010053134 A1 20120606; JP 2012115831 A 20120621; JP 6022760 B2 20161109

DOCDB simple family (application)

**EP 11009306 A 20111124**; CN 201110393533 A 20111201; DE 102010053134 A 20101201; JP 2011262816 A 20111130