

Title (en)
PULVERSATION NOZZLE

Title (de)
ZERSTÄUBERDÜSE

Title (fr)
BUSE DE PULVERISATION

Publication
EP 3638424 B1 20211117 (DE)

Application
EP 18737494 A 20180614

Priority
• DE 102017113207 A 20170615
• EP 2018065768 W 20180614

Abstract (en)
[origin: WO2018229177A1] Disclosed is an atomizer nozzle for atomizing a fluid, in particular a liquid, comprising a nozzle opening (2), a spinning chamber (3) and at least one delivery channel (6, 7) for feeding the fluid medium into the spinning chamber, at least one delivery channel extending into the spinning chamber via at least one inlet (4, 8). The invention is characterized in that the spinning chamber has a curved base (5) which is curved away from the nozzle opening, and in that at least one delivery channel is oriented towards the base.

IPC 8 full level
B05B 1/34 (2006.01)

CPC (source: EP US)
B05B 1/3426 (2013.01 - EP US); **B05B 1/3431** (2013.01 - EP US); **B05B 1/3436** (2013.01 - US); **B05B 1/3463** (2013.01 - US)

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

WO 2018229177 A1 20181220; CN 110997155 A 20200410; CN 110997155 B 20211026; DE 102017113207 A1 20181220;
DK 3638424 T3 20220221; EP 3638424 A1 20200422; EP 3638424 B1 20211117; ES 2907048 T3 20220421; RU 2020100860 A 20210715;
RU 2020100860 A3 20210715; US 11712706 B2 20230801; US 2020171516 A1 20200604

DOCDB simple family (application)

EP 2018065768 W 20180614; CN 201880053056 A 20180614; DE 102017113207 A 20170615; DK 18737494 T 20180614;
EP 18737494 A 20180614; ES 18737494 T 20180614; RU 2020100860 A 20180614; US 201816623296 A 20180614