

Title (en)
NOZZLE FOR SPRAYING FLUID

Title (de)
DÜSE ZUM VERSPRÜHEN VON FLÜSSIGKEITEN

Title (fr)
BUSE DESTINÉE À ATOMISER DES LIQUIDES

Publication
EP 3246095 B1 20200923 (DE)

Application
EP 17170683 A 20170511

Priority
DE 102016208653 A 20160519

Abstract (en)
[origin: US2017333921A1] A nozzle for spraying liquids, in particular a dual-substance nozzle, having a nozzle housing and a plurality of outlet openings in the nozzle housing, wherein each outlet opening is arranged at the end of an outlet passage through the wall of the nozzle housing, and wherein the plurality of outlet openings is arranged in a circle on the nozzle housing. An outlet angle which the respective central axis of the outlet passage associated with the outlet opening encloses with a central longitudinal axis of the nozzle housing differs between at least one first and at least one second outlet opening.

IPC 8 full level
B05B 1/06 (2006.01); **B05B 7/04** (2006.01); **B05B 7/08** (2006.01)

CPC (source: CN EP US)
B05B 1/02 (2013.01 - US); **B05B 1/06** (2013.01 - CN EP US); **B05B 1/14** (2013.01 - CN US); **B05B 7/045** (2013.01 - CN); **B05B 7/0466** (2013.01 - EP US); **B05B 7/0892** (2013.01 - EP US); **B05B 7/24** (2013.01 - US)

Citation (examination)
DE 4238736 A1 19940519 - BABCOCK FEUERUNGSSYSTEME [DE]

Cited by
CN108951793A

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)
EP 3246095 A1 20171122; EP 3246095 B1 20200923; CN 107398362 A 20171128; CN 107398362 B 20210105;
DE 102016208653 A1 20171123; ES 2834968 T3 20210621; US 10864531 B2 20201215; US 2017333921 A1 20171123

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EP 17170683 A 20170511; CN 201710358556 A 20170519; DE 102016208653 A 20160519; ES 17170683 T 20170511;
US 201715598701 A 20170518