

Title (en)
SPRAY HEAD AND SPRAYING APPARATUS

Title (de)
SPRÜHKOPF UND SPRÜHVORRICHTUNG

Title (fr)
TÊTE DE PULVÉRISATION ET APPAREIL DE PULVÉRISATION

Publication
EP 3229972 B1 20190619 (EN)

Application
EP 15715227 A 20150407

Priority

- EP 2014077308 W 20141211
- EP 2015057483 W 20150407

Abstract (en)
[origin: WO2016091398A1] The invention relates to a spray head for a spraying apparatus (100), the spray head comprising: - a spray head base body (2) including a spray head fluid channel (3); - a plurality of nozzles (4), each nozzle (4) comprising a nozzle fluid channel (4.1), wherein said nozzle fluid channels (4.1) being coupled with the spray head fluid channel (3) and the free ends of the nozzle fluid channels (4.1) forming liquid outlets (5) of the spray head (1), wherein the nozzles (4) are circumferentially arranged around a central axis (CA) of the spray head (1), wherein each nozzle (4) comprise a liquid guiding portion (4.2), said liquid guiding portion (4.2) including said nozzle fluid channel (4.1) and being made of a flexible material, - an adjustment unit (6) comprising an adjustment entity (7), said adjustment entity (7) being movably mounted at the spray head base body (2), the adjustment entity (7) comprising a plurality of apertures (7.1) for providing passages for said flexible liquid guiding portions (4.2), wherein the spray head (1) is adapted to change the spraying pattern by moving the adjustment entity (7) with respect to the spray head base body (2), said movement causing a bending of the flexible liquid guiding portions (4.2) of said nozzles (4).

IPC 8 full level
B05B 1/18 (2006.01); **B05B 15/652** (2018.01); **B05B 15/68** (2018.01)

CPC (source: CN EP)
B05B 1/185 (2013.01 - CN EP); **B05B 15/652** (2018.01 - CN EP); **B05B 15/68** (2018.01 - EP)

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 2016091398 A1 20160616; CN 106999961 A 20170801; CN 106999961 B 20190215; EP 3229972 A1 20171018; EP 3229972 B1 20190619;
PL 3229972 T3 20191129; TW 201622824 A 20160701; TW I670119 B 20190901

DOCDB simple family (application)
EP 2015057483 W 20150407; CN 201580066888 A 20150407; EP 15715227 A 20150407; PL 15715227 T 20150407;
TW 104141339 A 20151209