

Title (en)

NOZZLE MECHANISM AND DIE CASTING MACHINE HAVING THE SAME

Title (de)

DÜSENMECHANISMUS UND DRUCKGIESSMASCHINE DAMIT

Title (fr)

MÉCANISME DE BUSE ET MACHINE DE COULÉE SOUS PRESSION DOTÉE DE CELUI-CI

Publication

**EP 3219409 B1 20200506 (EN)**

Application

**EP 16188908 A 20160915**

Priority

TW 105108377 A 20160318

Abstract (en)

[origin: EP3219409A1] A nozzle mechanism (3) includes a main body (4), a plurality of dispensers (5) and a plurality of spray tube units (6). The main body (4) has two receiving chamber units (42), each of which has a plurality of receiving chambers (421) isolated from each other. The dispensers (5) are mounted to the main body (4). Each of the dispensers (5) has a spray opening (526) communicating with a respective one of the receiving chambers (421). The spray tube units (6) are mounted to the main body (4). Each of the spray tube units (6) includes at least one spray tube (61) communicating with a respective one of the receiving chambers (421). At least one of the spray tube units (6) is operable to spray atomized working liquid via a respective one of the dispensers (5).

IPC 8 full level

**B22D 17/20** (2006.01); **B22D 17/22** (2006.01)

CPC (source: CN EP KR)

**B22D 17/2007** (2013.01 - CN EP); **B22D 17/2023** (2013.01 - KR); **B22D 17/22** (2013.01 - KR); **B22D 17/32** (2013.01 - KR)

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 3219409 A1 20170920**; **EP 3219409 B1 20200506**; CN 107199324 A 20170926; CN 107199324 B 20190104; CN 205587629 U 20160921; JP 2017170523 A 20170928; JP 6280183 B2 20180214; KR 20170108781 A 20170927; TW 201733709 A 20171001; TW I583461 B 20170521

DOCDB simple family (application)

**EP 16188908 A 20160915**; CN 201610237720 A 20160415; CN 201620318699 U 20160415; JP 2016201587 A 20161013; KR 20160145071 A 20161102; TW 105108377 A 20160318