

Title (en)

A printing head with a nozzle-cleaning device and methods for decoration and nozzle-cleaning concerning the printing head

Title (de)

Druckkopf mit Düsenreinigungsvorrichtung und Verfahren zur Dekoration und Düsenreinigung in Bezug auf den Druckkopf

Title (fr)

Tête d'impression avec dispositif de nettoyage de buse et procédés de décoration et nettoyage de buse concernant la tête d'impression

Publication

EP 2085225 A3 20100106 (EN)

Application

EP 08075939 A 20081212

Priority

IT MO20080027 A 20080130

Abstract (en)

[origin: EP2085225A2] A printing head (1) for decoration of ceramic products (11) comprising at least a main conduit (1) for containing glaze (10); at least an outlet nozzle (3) provided with an outlet orifice (3a) for the glaze (10) which outlet orifice (3a) is in communication with the main conduit (2); and an integrated cleaning plant (4) of the outlet nozzle (3).

IPC 8 full level

B41J 2/165 (2006.01)

CPC (source: EP)

B28B 11/001 (2013.01); **B28B 11/044** (2013.01); **B28B 11/048** (2013.01); **B41J 2/16552** (2013.01)

Citation (search report)

- [XY] DE 3005394 A1 19800828 - CANON KK
- [X] US 4367479 A 19830104 - BOWER KENNETH W
- [DY] IT MO20070098 A1 20080921 - INGEGNERIA CERAMICA S R L
- [DPA] EP 1972450 A2 20080924 - INGEGNERIA CERAMICA S R L [IT]
- [X] US 2004082183 A1 20040429 - MORI YOSHIAKI [JP]

Cited by

CN108675830A; WO2014072553A1; WO2014111606A1; WO2016046724A1; WO2015032128A1; WO2013160506A1; WO2018104568A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA MK RS

DOCDB simple family (publication)

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DOCDB simple family (application)

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