

Title (en)

DEVICE AND METHOD FOR CLEANING INKJET PRINTHEADS

Title (de)

VORRICHTUNG UND VERFAHREN ZUR REINIGUNG VON TINTENSTRAHLDRUCKKÖPFEN

Title (fr)

ÉQUIPEMENT ET PROCÉDÉ DE NETTOYAGE DE TÊTES D'IMPRESSION PAR INJECTION D'ENCRE

Publication

EP 2955027 A1 20151216 (EN)

Application

EP 13874401 A 20131029

Priority

- ES 201330156 A 20130208
- ES 2013070751 W 20131029

Abstract (en)

A system for cleaning inkjet printing heads that is intended for cleaning these heads by means of a pressurized fluid, selected between a liquid solvent and a gaseous fluid, such as air. The pressurized fluid passes through various spaces inside the ink printing heads, through which ink normally flows when sprayed, in such a way that this path is taken in two circulation directions for much more effective cleaning. For cleaning, the ink printing head is placed inside a main tub, in such a way that the lower portion of the ink printing head is soaked in a liquid solvent contained within said first tub, further including, among other elements, a level control device that regulates the optimal height of the liquid solvent inside the main tub.

IPC 8 full level

B41J 2/165 (2006.01)

CPC (source: EP)

B41J 2/1652 (2013.01); **B41J 2/16552** (2013.01)

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Designated contracting state (EPC)

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Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

EP 2955027 A1 20151216; **EP 2955027 A4 20161214**; **EP 2955027 B1 20181121**; BR 112015019025 A2 20170718; BR 112015019025 B1 20210406; CN 104321198 A 20150128; CN 104321198 B 20160831; ES 2492090 A1 20140908; ES 2492090 B1 20150707; ES 2709055 T3 20190415; IN 873KON2014 A 20151002; PL 2955027 T3 20190731; TR 201901126 T4 20190221; WO 2014122336 A1 20140814

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