

Title (en)

METHOD FOR OPERATING A PRINTING DEVICE AND PRINTING DEVICE

Title (de)

VERFAHREN ZUM BETREIBEN EINER DRUCKVORRICHTUNG UND DRUCKVORRICHTUNG

Title (fr)

PROCÉDÉ PERMETTANT DE FAIRE FONCTIONNER UN DISPOSITIF D'IMPRESSION ET DISPOSITIF D'IMPRESSION

Publication

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Application

EP 17793603 A 20171018

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Abstract (en)

[origin: WO2018073281A1] The invention relates to a method for operating a printing device (1) wherein a fluid provided for a printing step is guided from a fluid reservoir (6), via a supply line (14), to a print head (13) in order to be able to be applied to the surface by the print head (13). The fluid is guided through a cleaning device (8) in a cleaning circuit (2) and a variable characterising the contaminates in a sample amount of fluid in the cleaning circuit (2) is determined using a contaminant measuring device (11), such that a printing step in which the fluid is distributed by the print head (13), is only started after the variable characterising the contaminates is below a first threshold value. The invention also relates to a printing device (1) having a print head (13) and having a connection device (12) for a fluid reservoir (6), said connection device being connected to the print head (13) by means of a supply line (14). The printing device (1) comprises a cleaning circuit (2) which is formed from the fluid line sections (3, 4, 5) and which comprises a cleaning device (8) and a contaminant measuring device (11), in which the fluid withdrawn from the fluid reservoir (6) via the fluid withdrawal device is cleaned and a variable characterising the contaminates in a sample amount of the fluid can be determined in the cleaning circuit (6) before the cleaned fluid is guided to the print head (13).

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