

Title (en)

METHOD FOR FILLING AN INK CARTRIDGE AND A FILLING STATION IMPLEMENTING SAID METHOD

Title (de)

VERFAHREN ZUM FÜLLEN EINER TINTENPATRONE UND FÜLLSTATION ZUR DURCHFÜHRUNG DES VERFAHRENS

Title (fr)

PROCÉDÉ DE REMPLISSAGE D'UNE CARTOUCHE D'ENCRE ET D'UNE STATION DE REMPLISSAGE METTANT EN OEUVRE LEDIT PROCÉDÉ

Publication

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Application

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Abstract (en)

[origin: WO2021234068A1] The invention relates to a method for filling an ink cartridge for a printer in an ink filling station, comprising the following steps: - determining the type of cartridge to be filled; - searching a database for information associated with said cartridge to be filled; - placing the cartridge in the station, the cartridge comprising a wall separating a reservoir of the cartridge from the outside; - perforating an opening passing through the wall from the outside towards the reservoir, with the position of the opening being dependent on the information; - filling by injecting ink through the opening under ink injection conditions that are dependent on the information; - sealing by cooling a deposit of plastic material in the opening under sealing conditions that are dependent on the information; - pressurising or depressurising, during which an internal reservoir is brought to a setpoint pressure by air blowing or air suction.

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