

Title (en)

METHOD AND DEVICE FOR FILLING PRINT HEADS

Title (de)

VERFAHREN UND VORRICHTUNG ZUM BEFÜLLEN VON DRUCKKÖPFEN

Title (fr)

PROCEDE ET DISPOSITIF DE REMPLISSAGE DE TETES D'IMPRIMANTE

Publication

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Application

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Abstract (en)

[origin: WO02064375A1] In order to fill and clean print heads (1), a cleaning fluid (31) is fed to the print chambers (3) on the jet side and air is forced out of the print chambers (3) and the distributor (7) by means of the cleaning fluid. The cleaning fluid (31) is displaced from the print head by the ink (25) after subsequent suctioning of the cleaning fluid (31) by the cleaning head (17). No air can enter the print chambers (3) when the ink (25) is suctioned. The cleaning fluid (31) can also be used to clean the print chambers (3) and the jets (5). Print chambers (3) that are devoid of air pockets enable immaculate homogeneous printing without the need for any positioning time. Wastage of expensive printing ink is also avoided.

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