Title (en)

DEVICE AND METHOD FOR TRANSFERRING FLOWABLE PRINTING SUBSTANCES ONTO A PRINTING MATERIAL

Title (de)

VORRICHTUNG UND VERFAHREN ZUM ÜBERTRAGEN VON FLIESSFÄHIGEN DRUCKSUBSTANZEN AUF EINEN BEDRUCKSTOFF

Title (fr)

DISPOSITIF ET PROCÉDÉ DE TRANSFERT D'UNE SUBSTANCE D'IMPRESSION, APTE À S'ÉCOULER, SUR UNE MATIÈRE À IMPRIMER

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Application

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Abstract (en)

[origin: WO2015039892A1] The invention relates to a printer's form (1) for transferring a flowable printing substance (200) onto a printing material (100) to be printed on, comprising a body (2) having a surface (3), which surface has a plurality of openings (5), a plurality of cavities (7) in the body (2), which cavities end in the openings (5) of the surface (3) of the body (2) and contain gas, wherein each cavity (7) is bounded by a wall (9), which adjoins the opening (5) and surrounds the cavity (7), and apparatuses associated with each cavity for producing an overpressure in the cavity in question. According to the invention at least parts of the surface (3) of the body (2) and/or the wall surfaces (13a) of the walls (9) of at least some cavities (7) consist in a first wall region (11), which is near the opening and which is composed of a surface that can be wetted with the printing substance (200).

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