

Title (en)

PRINTING METHOD AND DEVICE USING ENERGY-CURABLE INKS FOR A FLEXOGRAPHIC PRINTER

Title (de)

DRUCKVERFAHREN UND VORRICHTUNG FÜR EINEN FLEXODRUCKER , DIE ENERGIEHÄRTBARE TINTEN VERWENDEN

Title (fr)

DISPOSITIF ET PROCEDE D'IMPRESSION UTILISANT DES ENCRE DURCISSABLES PAR ENERGIE POUR IMPRIMANTE FLEXOGRAPHIQUE

Publication

**EP 1932669 A4 20111214 (EN)**

Application

**EP 06764351 A 20060526**

Priority

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- ES 200501516 A 20050622

Abstract (en)

[origin: EP1932669A1] The invention relates to a device and printing method using energy-curable inks for a flexographic printer. The device comprises printing units (21) to wet-on-wet print energy-curable inks on a substrate (23), and at least one energy emission unit (22) for curing the inks printed on the substrate (23) downstream of said printing units (21). Each printing unit (21) comprises an ink application chamber (13) for applying ink to an inking roller (11) arranged for inking a printing roller (12). For each printing unit (21) there are means for periodically adjusting the ink to predetermined values of viscosity, evaporability and temperature, means for supplying ink to the chamber (13), and auxiliary means associated to the chamber (13) for contributing to remove ink remaining in surface pits of the inking roller (11) and to filling them with fresh ink.

IPC 8 full level

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**B41F 31/002** (2013.01 - EP); **B41F 31/005** (2013.01 - EP ES); **B41F 31/027** (2013.01 - EP ES); **B41P 2200/12** (2013.01 - EP)

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[X] EP 0350839 A2 19900117 - FISCHER & KRECKE GMBH & CO [DE]

Cited by

WO2011018536A1; BE1027758B1; EP2985150A1; EP2842746A4; ES2371606A1; GB2495733A; EP2465680A4; EP2620285A1; US9731499B2; US9327489B2; US11602910B2; US9346260B2; US9233531B2; WO2011020022A1; WO2013164133A1; WO2020240442A1; WO2015112276A1

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