

Title (en)

Method and rotary printing machine for offset intaglio printing

Title (de)

Verfahren und Rotationsdruckmaschine für indirekten Tiefdruck

Title (fr)

Procédé et machine d'impression rotative pour l'impression en héliogravure indirecte

Publication

EP 0663288 B1 19980805 (DE)

Application

EP 95100175 A 19950109

Priority

DE 4401362 A 19940118

Abstract (en)

[origin: EP0663288A1] An ink or colour ductor (26, 27) is adjusted onto the rotogravure cylinder (8, 9) inking the printing plate at an applied viscosity from 80 to 1000 mPa s. The ink is then largely rolled off, bled out of the cavities of the place surface, onto the special surface of the offset- or transfer cylinder (10, 11). This then deposits it onto the web as it passes between the offset cylinder and a pressure roll. The preferred ink types, and details of the printing machinery are claimed. Pref. the cover of the transfer cylinder (10, 11) may be made of a fully wetted aliphatic polyurethane or silicone, have a surface roughness of Rz up to 6 micro.m., have a radial rebound resilience greater than 95%, be fixed on a carrier shell housed on the transfer cylinder, which can be slid out axially from the body (42) of the press, through an opening (41) in the side wall (13) of the printing machinery.

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B41F 9/01

IPC 8 full level

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CPC (source: EP US)

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Citation (examination)

INK-REPORT, Zusammensetzung, Herstellung und Anwendung von Druckfarben; Druckfarbenfabrik Gebr. Schmidt GmbH (1993), Seite 39.

Cited by

EP1598185A1; US6070528A; EP0813957A3; WO2013160499A1

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