

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 A1 19950719 (DE)

Application

EP 95100175 A 19950109

Priority

DE 4401362 A 19940118

Abstract (en)

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.

Abstract (de)

Um im indirekten Tiefdruck die üblichen Farbsysteme ohne das Erfordernis der Zwischentrocknung in guter Qualität zu verdrucken, wird die Druckfarbe mit einer Viskosität im Bereich von 80 bis 1000 mPa s mittels einer Kammerrakel (26, 27) dem Tiefdruckformzylinder (8, 9) zugeführt und trägt der Transferzylinder (10, 11) einen Bezug mit geschlossener Oberfläche, niedriger Oberflächenrauheit, geringer Benetzbarkeit und hoher radialer Kompressibilität. <IMAGE>

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Citation (search report)

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- [Y] EP 0294022 A1 19881207 - VICKERS PLC [GB], et al
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EP1598185A1; US6070528A; EP0813957A3; WO2013160499A1

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EP 0663288 A1 19950719; **EP 0663288 B1 19980805**; CA 2140496 A1 19950719; CA 2140496 C 19990928; DE 4401362 A1 19950720; DE 4401362 C2 19971211; DE 59503028 D1 19980910; JP 2888772 B2 19990510; JP H07205535 A 19950808; US 5718171 A 19980217

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