Title (en)

Photogravure printing method using water based ink and a printing machine for carrying out the method

Title (de)

Tiefdruckverfahren mit wässrige Druckfarbe und Vorrichtung unter Verwendung des Verfahrens

Title (fr)

Procédé d'impression en creux avec une encre à base d'eau et machine faisant usage de ce procédé

Publication

EP 1072407 A1 20010131 (EN)

Application

EP 00306375 A 20000726

Priority

- JP 21153299 A 19990727
- JP 25042399 A 19990903
- JP 2000014712 A 20000124
- JP 2000106154 A 20000407

Abstract (en)

A photogravure printing method and machine for printing films (7) uses a water based ink and avoids customary problems associated with wetting of the plate, bleed, fogging and drying by using a printing drum (3) having between 200 and 400 mesh lines with a depth between 10 and 17 mu . Left-over ink may be reduced by having an ink reservoir formed with a trough (4) into which the inking roller (2) dips the trough (4) being associated with a drip tray (1a) located beneath the printing drum (3). Printing may be improved further by using a doctor blade assembly (5) having two blades of differing resilience. In a modification two inking rollers are used in spaced relationship at the lower part of the printing drum. <IMAGE>

IPC 1-7

B41F 9/00

IPC 8 full level

B41M 1/06 (2006.01); **B41F 9/00** (2006.01)

CPC (source: EP KR)

B41F 9/00 (2013.01 - EP); **B41M 1/06** (2013.01 - KR); B41P 2200/30 (2013.01 - EP)

Citation (search report)

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