

Title (en)

NON-RECIRCULATING, DIE SUPPLIED DOCTORED ROLL COATER WITH SOLVENT ADDITION

Title (de)

AUFTRAGSWALZE, WELCHE OHNE REZIRKULATION FUNKTIONIERT, GESPEIST DURCH EINE DÜSE MIT EINEM RAKEL UND DER ZUGABE VON LÖSUNGSMITTEL

Title (fr)

APPLICATEUR DE COUCHE DE REVETEMENT A ROULEAU POURVU D'UNE RACLETTE, A ALIMENTATION PAR CORPS DE FILIERE, SANS RECIRCULATION DU FLUIDE ET AVEC ADDITION DE SOLVANT

Publication

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Application

EP 94921423 A 19940630

Priority

- US 9407358 W 19940630
- US 10935293 A 19930820

Abstract (en)

[origin: WO9505900A1] A coater incorporates a die (42), a reservoir (46), a gravure cylinder (48), and a doctor blade (50) for applying coating fluid to a moving surface (44). The flow rate of coating fluid to the gravure cylinder (48) is controlled to equal the rate at which coating fluid is consumed by the coating process. This eliminates the need to recycle surplus coating fluid. The coating fluid can be quickly and conveniently replaced with a solvent in the reservoir (46) when coating is not being performed to reduce the occurrence of coating defects arising from excessive evaporation of solvent and premature solidification of coating fluid.

IPC 1-7

B05C 1/08; **G11B 5/842**

IPC 8 full level

B05C 1/08 (2006.01); **G11B 5/842** (2006.01)

CPC (source: EP KR)

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Citation (search report)

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