

Title (en)

Device for metered coating of an applicator roll with a liquid application medium

Title (de)

Vorrichtung zur dosierten Beschichtung einer Auftragwalze mit einem flüssigen Auftragsmittel

Title (fr)

Dispositif pour enduire d'une manière dosée un rouleau d'application avec un agent liquide

Publication

EP 0546454 B1 19970102 (DE)

Application

EP 92120680 A 19921204

Priority

- DE 4140790 A 19911211
- DE 4210529 A 19920331

Abstract (en)

[origin: EP0546454A1] A device serves for the metered coating of an applicator roller (2), in particular an applicator roller of a printing machine which directly or indirectly inks a printing forme, having a liquid application medium (3), the applicator roller (2) being in contact with a transfer roller (1) arranged in parallel, and the surfaces of the applicator roller (2) and of the transfer roller (1) having an at least approximately corresponding web speed. The surface of the transfer roller (1) is immersed directly into the application medium (3), the thickness of the film from the application medium (3) remaining on the surface of the transfer roller (1) being determined by a doctor roller (4) which is arranged parallel to the transfer roller (1) and rests on the latter and has an engraving and a small outside diameter compared to the transfer roller. <IMAGE>

IPC 1-7

B41F 31/20; **B41F 31/10**; **B41F 31/02**; **B05C 1/08**

IPC 8 full level

B05C 1/08 (2006.01); **B41F 31/02** (2006.01); **B41F 31/08** (2006.01); **B41F 31/10** (2006.01); **B41F 31/20** (2006.01)

CPC (source: EP US)

B05C 1/0813 (2013.01 - EP US); **B41F 31/027** (2013.01 - EP US); **B41F 31/20** (2013.01 - EP US)

Cited by

EP2075130A3; EP1284185A3; DE10028494A1; US6799509B2

Designated contracting state (EPC)

BE CH DE DK ES FR GB IT LI SE

DOCDB simple family (publication)

EP 0546454 A1 19930616; **EP 0546454 B1 19970102**; CA 2084814 A1 19930612; DE 4210529 A1 19931007; DE 59207809 D1 19970213; JP H06255087 A 19940913; US 5372644 A 19941213

DOCDB simple family (application)

EP 92120680 A 19921204; CA 2084814 A 19921208; DE 4210529 A 19920331; DE 59207809 T 19921204; JP 32574092 A 19921204; US 98762692 A 19921209