

Title (en)
MULTIFUNCTIONAL INKING DEVICE FOR A FLEXOGRAPHIC PRINTING MACHINE

Title (de)
MULTIFUNKTIONALES FARBWERK FÜR EINE FLEXODRUCKMASCHINE

Title (fr)
Installation d'encre multifonctionnelle pour une imprimeuse flexographique

Publication
EP 0885720 A1 19981223 (FR)

Application
EP 98110785 A 19980612

Priority
FR 9707883 A 19970619

Abstract (en)
The inking assembly, for a printer with a plate carrier cylinder (2) and screen cylinder (3), has an applicator in the form of two or more scraper chambers (4,5) which face one another on opposite sides of the cylinder. The screen cylinder is the same for all types of printing and only the operation of the scraper chambers is altered. One of the scraper chambers (4) has scraper blades which wipe practically the whole circumference of the screen cylinder, while the scraper blades in the other chamber leave a predetermined film of ink on the cylinder. Both sets of blades are made from metal or a plastics material with a low friction coefficient.

IPC 1-7
B41F 31/02

IPC 8 full level
B41F 31/02 (2006.01)

CPC (source: EP US)
B41F 31/027 (2013.01 - EP US)

Citation (search report)
• [A] EP 0368485 A2 19900516 - VICKERS PLC [GB]
• [DA] FR 2687096 A1 19930813 - LANGSTON CORP [US]
• [DA] US 5027513 A 19910702 - ALLISON JR THOMAS K [US]
• [DA] EP 0382347 A2 19900816 - WARD MACHINERY CO [US]

Cited by
EP1090755A1; WO0125015A1

Designated contracting state (EPC)
DE ES FR GB IT SE

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EP 0885720 A1 19981223; EP 0885720 B1 20020130; DE 69803630 D1 20020314; DE 69803630 T2 20020808; ES 2172062 T3 20020916; FR 2764843 A1 19981224; FR 2764843 B1 19990820; US 6029573 A 20000229

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