

Title (en)
Inking arrangement for offset printing machines.

Title (de)
Farbwerk für Offsetdruckmaschinen.

Title (fr)
Dispositif d'encrage pour machines d'impression offset.

Publication
EP 0159474 A1 19851030 (DE)

Application
EP 85101334 A 19821019

Priority
• DE 3143314 A 19811031
• DE 3232780 A 19820903

Abstract (en)
[origin: ES8307591A1] Inking unit for an offset printing machine with a plate cylinder which includes an ink applicator roll with an elastic surface cooperatively engaging the plate cylinder for delivering ink to the plate cylinder, an ink feeding system and an inking cylinder cooperating with the ink feeding system for receiving ink therefrom and cooperatively engaging the ink applicator roll so as to feed the ink in a continuous film thereto, the ink applicator roll having a diameter approximately equal to the diameter of the plate cylinder and being located downstream from the inking cylinder in ink feed direction, the ink applicator roll being rotatable in a given direction, and means for transferring dampening medium to the ink applicator roll in the given rotary direction thereof at a location of the ink applicator roll downstream of the location at which the ink applicator roll is in engagement with the inking cylinder and upstream of the location at which the ink applicator roll is in engagement with the plate cylinder.

Abstract (de)
Die Erfindung bezieht sich auf ein Farbwerk für Offsetdruckmaschinen mit einer Farbauftragwalze (7) mit elastischer Oberfläche, die mit einem Farbzyylinder (8) zusammenwirkt, dem die Farbe über ein Farbzuführsystem kontinuierlich zugeführt wird, so daß ein Schablonieren mit Sicherheit ausgeschlossen und eine einfache Konstruktion erreicht wird, die den Verschleiß der Druckplatte verringert.

IPC 1-7
B41F 7/06; **B41F 31/00**; **B41F 7/24**

IPC 8 full level
B41F 7/06 (2006.01); **B41F 7/24** (2006.01); **B41F 31/00** (2006.01)

CPC (source: EP US)
B41F 7/06 (2013.01 - EP US); **B41F 7/24** (2013.01 - EP US); **B41F 31/00** (2013.01 - EP US)

Citation (search report)
• [E] DE 3134796 A1 19830317 - KOENIG & BAUER AG [DE]
• [X] US 3709147 A 19730109 - GRANGER W
• [Y] US 4041864 A 19770816 - DAHLGREN HAROLD P, et al
• [A] GB 2040228 A 19800828 - ROLAND MAN DRUCKMASCH
• [A] BE 857275 A 19771114 - ADDRESSOGRAPH MULTIGRAPH

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Designated contracting state (EPC)
BE CH DE FR GB IT LI NL SE

DOCDB simple family (publication)
EP 0159474 A1 19851030; **EP 0159474 B1 19890104**; AT 384996 B 19880210; AT A353882 A 19870715; AU 562988 B2 19870625; AU 9000182 A 19830505; CA 1208489 A 19860729; DE 3232780 A1 19830511; DE 3232780 C2 19860206; DE 3270008 D1 19860424; DE 3279324 D1 19890209; DK 467382 A 19830501; EP 0078444 A1 19830511; EP 0078444 B1 19860319; ES 516981 A0 19830801; ES 8307591 A1 19830801; NO 159360 B 19880912; NO 159360 C 19881221; NO 823608 L 19830502; US 4573407 A 19860304

DOCDB simple family (application)
EP 85101334 A 19821019; AT 353882 A 19820923; AU 9000182 A 19821029; CA 414587 A 19821101; DE 3232780 A 19820903; DE 3270008 T 19821019; DE 3279324 T 19821019; DK 467382 A 19821021; EP 82109626 A 19821019; ES 516981 A 19821029; NO 823608 A 19821029; US 43774182 A 19821029