

Title (en)

Method and ductor drive for feeding ink in the ductor inking device of a printing press

Title (de)

Verfahren und Heberantrieb zum Zuführen von Farbe im Heberfarbwerk einer Druckmaschine

Title (fr)

Procédé et entraînement du preneur pour alimenter de l'encre dans un dispositif encrier à preneur d'une machine à imprimer

Publication

EP 0696503 A3 19961023 (DE)

Application

EP 95110874 A 19950712

Priority

DE 4428403 A 19940811

Abstract (en)

[origin: EP0696503A2] The ink is transferred from a box (1) by a rotary roller (2) to the inking roller (4) by way of a lifting roller (3). The roller is carried by two levers (5) coupled together by a shaft (6) extending across the width of the printed sheet. The other ends of the levers are lifted by a smaller roller (7) in contact with the surface of a rotary cam (8). This roller can be displaced from the smaller sector of the cam by a threaded spindle (3) rotated by gearing (11,12) from a stationary positioning motor (10) driven in either direction at constant speed.

IPC 1-7

B41F 31/15

IPC 8 full level

B41F 31/02 (2006.01); **B41F 31/14** (2006.01); **B41F 31/15** (2006.01)

CPC (source: EP US)

B41F 31/14 (2013.01 - EP US); **B41F 31/15** (2013.01 - EP US); **Y10S 101/32** (2013.01 - EP US)

Citation (search report)

- [XA] GB 1215517 A 19701209 - VENTE DE MATERIELS POUR LA FAB [FR]
- [A] WO 9013427 A1 19901115 - COORS CO ADOLPH [US]
- [A] US 4524692 A 19850625 - RODVELT RONNIE L [US]
- [A] US 3965819 A 19760629 - PUNATER DINESH G
- [DA] DD 212475 A1 19840815 - JENTZSCH ARNDT [DD], et al
- [DA] DD 276455 A1 19900228 - POLYGRAPH LEIPZIG [DD]

Cited by

CN111959867A; EP0822069A1; US5826508A

Designated contracting state (EPC)

AT BE CH DE ES FR IT LI

DOCDB simple family (publication)

EP 0696503 A2 19960214; **EP 0696503 A3 19961023**; **EP 0696503 B1 19990512**; AT E179932 T1 19990515; DE 4428403 A1 19960215; DE 4428403 C2 19960711; DE 59505886 D1 19990617; ES 2132469 T3 19990816; JP 3071766 B2 20000731; JP 3095976 B2 20001010; JP H0858070 A 19960305; JP H11151802 A 19990608; US 5685225 A 19971111; US 5784960 A 19980728

DOCDB simple family (application)

EP 95110874 A 19950712; AT 95110874 T 19950712; DE 4428403 A 19940811; DE 59505886 T 19950712; ES 95110874 T 19950712; JP 20473495 A 19950810; JP 27846798 A 19980930; US 51415195 A 19950811; US 92610097 A 19970909