

Title (en)
CONVERTIBLE MULTICOLOUR PRESS, PARTICULARLY FOR PRINTING BANK NOTES

Publication
EP 0343106 B1 19930630 (DE)

Application
EP 89810329 A 19890501

Priority
CH 188888 A 19880518

Abstract (en)
[origin: JPH02147337A] PURPOSE: To widen the possibility of variation of combination print by an arrangement wherein a line transfer cylinder carries out an auxiliary print function for transferring to a first rubber cylinder regardless whether a printing machine is used for collect printing or offset printing. CONSTITUTION: Two rubber cylinders 4, 7 of a printer 1 and the rubber cylinders 4, 17 of a printer II push each other at the offset printing position of a printing machine and they are separated from each other at the collect printing position. At the offset printing position, conversion cylinders 8, 18 carry an offset printing plate provided with superposed multicolor lines which are transferred from the conversion cylinder to the second rubber cylinders 7, 17 thence to the first rubber cylinders 4, 14 before being transferred onto a sheet. At the offset printing position, a collect printing cylinder 5 is inked directly by the second rubber cylinders and multicolor collect print lines are transferred to the first rubber cylinders 4 through a line transfer cylinder 6. The printing cylinders 10, 20 of an auxiliary single color printer transfer auxiliary print lines to the first rubber cylinders 4, 14 through the line transfer cylinders 6, 16 thence to a sheet.

IPC 1-7
B41F 11/02

IPC 8 full level
B41F 5/22 (2006.01); **B41F 5/02** (2006.01); **B41F 7/02** (2006.01); **B41F 11/00** (2006.01); **B41F 11/02** (2006.01)

CPC (source: EP KR US)
B41F 5/16 (2013.01 - KR); **B41F 11/02** (2013.01 - EP US)

Cited by
DE10025996C1; EP1995062A1; US6779445B2; EP1775124A1; US8800447B2; WO2015118447A2; US9931832B2; US8794141B2; US9278514B2; US10052862B2

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

DOCDB simple family (publication)
EP 0343106 A2 19891123; EP 0343106 A3 19900808; EP 0343106 B1 19930630; AT E91095 T1 19930715; AU 3467089 A 19891123; AU 606800 B2 19910214; CN 1017227 B 19920701; CN 1040169 A 19900307; DE 58904830 D1 19930805; JP H02147337 A 19900606; KR 900017786 A 19901220; RU 1774923 C 19921107; US 5007339 A 19910416

DOCDB simple family (application)
EP 89810329 A 19890501; AT 89810329 T 19890501; AU 3467089 A 19890511; CN 89103408 A 19890518; DE 58904830 T 19890501; JP 12163089 A 19890517; KR 890006583 A 19890517; SU 4614036 A 19890517; US 34750389 A 19890504