

Title (en)

ROTARY MACHINE FOR THE INDIRECT MULTICOLOUR PRINTING OF BOTH SIDES OF A WEB

Publication

EP 0185421 B1 19890315 (FR)

Application

EP 85202000 A 19851202

Priority

- CH 443885 A 19851015
- CH 598884 A 19841218

Abstract (en)

[origin: US4766809A] According to the machine and method, one of the paper sides is printed with a collect print image with juxtaposed colors by means of a typographic plate cylinder inked by a collecting cylinder inked in turn by selective color inking cylinders of which the number corresponds to the number of colors, and on the other side an image with superposed colors and designs by means of offset plate cylinders contacting an offset blanket cylinder and of which the number corresponds to the number of colors and designs of the image. For this purpose the machine comprises another blanket cylinder contacting the typographic plate cylinder and pressed against the offset blanket cylinder, the paper passes between this cylinder and the other blanket cylinder. The multicolor collect print side may be completed by at least one monochrome wet offset print. In additional embodiments, the geometrical arrangement of the blanket cylinders is changed to enable additional printing units to contact the other blanket cylinder. Moreover the typographic plate cylinder may be converted to an image transfer cylinder, while the selective color inking cylinders are converted to offset plate cylinders.

IPC 1-7

B41F 11/02

IPC 8 full level

B41F 5/16 (2006.01); **B41F 9/02** (2006.01); **B41M 3/14** (2006.01)

CPC (source: EP US)

B41F 5/16 (2013.01 - EP US); **B41F 9/02** (2013.01 - EP US); **B41M 3/14** (2013.01 - EP US)

Cited by

EP0351366A3

Designated contracting state (EPC)

AT CH DE FR GB IT LI SE

DOCDB simple family (publication)

EP 0185421 A1 19860625; **EP 0185421 B1 19890315**; AU 5045385 A 19860626; AU 572367 B2 19880505; CA 1282637 C 19910409; DE 3568726 D1 19890420; US 4766809 A 19880830

DOCDB simple family (application)

EP 85202000 A 19851202; AU 5045385 A 19851128; CA 496671 A 19851202; DE 3568726 T 19851202; US 80661785 A 19851209