

Title (en)

Convertible multicolour press for perfecting, particularly for bank notes.

Title (de)

Konvertierbare Mehrfarben-Druckmaschine zum Schön- und Widerdruck, insbesondere von Banknoten.

Title (fr)

Presse convertible à plusieurs couleurs pour imprimer recto-verso, notamment pour papiers-valeurs.

Publication

EP 0343107 B1 19931215 (DE)

Application

EP 89810330 A 19890501

Priority

CH 188988 A 19880518

Abstract (en)

[origin: JPH0220347A] PURPOSE: To reduce the transfer number of times of ink required in the transfer of ink from offset plate cylinders or collect-printing plate cylinders to a paper surface by providing two sets of impression cylinders, image transfer cylinders, blanket cylinders, changeover cylinders and collect-printing plate cylinders respectively having specific function. CONSTITUTION: Image transfer cylinders 6, 16 are pressed to impression cylinders 4, 14. Blanket cylinders 7, 17 are moved between the offset printing position pressed to the impression cylinders 4, 14 and a collect-printing position separated therefrom in a regulable manner. A plurality of changeover cylinders 8, 18 come into contact with the blanket cylinders 7, 17 and function as offset plate cylinders or color selector cylinders when the blanket cylinders are present at the offset printing position or the collect printing position and receive ink by ink units 9, 19. Collectprinting plate cylinders 5, 15 are attached to the blanket cylinders 7,17 and moved to a non-operative position separated from the offset printing position when the blanket cylinders 7, 17 are present at the offset printing position and can be regulated so as to return to the position coming into contact with both of the collect printing position and the image transfer cylinders 6, 16 when the blanket cylinders are present at the collect printing position.

IPC 1-7

B41F 11/02

IPC 8 full level

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CPC (source: EP KR US)

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Cited by

EP2845728A3; US5809882A; EP2845729A3; EP2993043A3; FR2723882A1; EP1775124A1; WO9524312A1; WO2007060624A1; US8800447B2; WO2015118447A2; US9931832B2

Designated contracting state (EPC)

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EP 0343107 A2 19891123; **EP 0343107 A3 19900808**; **EP 0343107 B1 19931215**; AT E98559 T1 19940115; AU 3466289 A 19891123; AU 609983 B2 19910509; CA 1310858 C 19921201; CN 1018905 B 19921104; CN 1037680 A 19891206; DD 283787 A5 19901024; DE 58906399 D1 19940127; JP H0220347 A 19900123; KR 900017787 A 19901220; RU 1802801 C 19930315; US 5036763 A 19910806

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