Title (en)

MULTI-COLOUR PERFECTING ROTARY PRINTING MACHINE AND METHOD OF OPERATING THE SAME

Publication

**EP 0219159 B1 19900509 (DE)**

Application

**EP 86201698 A 19860926**

Priority

CH 443985 A 19851015

Abstract (en)

[origin: US4697515A] The printing machine has two interacting blanket cylinders (1,2) which are each inked by several offset plate cylinders (5,12) and between which the paper (P) to be printed on both sides runs through. One of the blanket cylinders (2) is also in contact with a plate cylinder (8) carrying a collect printing plate which is inked in a multicolor manner by a further blanket cylinder (9). This blanket cylinder (9) receives the inks from several appropriately inked selective color inking cylinders (10). Also arranged between the two blanket cylinders (2,9), which are in contact with the plate cylinder (8) carrying the collect printing plate, is an adjustable and convertible plate cylinder (16) which, in a first working position, carries an offset plate and rests against the blanket cylinder (2) inked by the offset plate cylinders (12), whilst in a second working position it carries a selective color inking plate and rests against the blanket cylinder (9) inked by the selective color inking cylinders (10). Thus, it is possible to produce on one side of the paper a multicolor pattern which is made by means of two different printing processes and in which either the number of colors used in collect printing or the number of colors used in offset printing is selectively increased by one color.

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

EP0351366A3; EP0343104A3; EP2993043A3; EP0384897A1; US5809882A; CN1081985C; FR2723882A1; EP2902210A1; WO9524312A1; US9931832B2; WO2015118447A3

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