

Title (en)
COMBINED ROTARY SHEET PRINTING PRESS

Publication
EP 0132857 B1 19871223 (FR)

Application
EP 84200708 A 19840517

Priority
CH 408683 A 19830726

Abstract (en)
[origin: US4552066A] The printing machine has a multi-color offset printing unit, behind this a sheet conveying device, and an intaglio printing unit to which the sheets printed and provided with register marks in the first printing unit are transferred by the conveying device. The conveying device comprises a detector system responding to these register marks, and a register drum. Each of the two printing units and the register drum have their own drive mechanisms mechanically independent of each other. The drive mechanism for the second printing unit is controlled in dependence upon the speed of the first printing unit, and the drive mechanism for the register drum is controlled on the one hand in dependence upon the speed of the second printing unit and on the other hand in dependence upon the register deviation measured in the circumferential direction. Further, on the register drum are disposed devices for correcting side register and any skew of a sheet in dependence upon the measured register deviations. A second detector system reads the position of the abovementioned register marks relative to further register marks applied in the intaglio printing unit, and if necessary performs fine correction of register.

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B41F 11/02

IPC 8 full level
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CPC (source: EP US)
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Cited by
US7417752B2; CH685380A5; EP0351366A3; EP0185421A1; US9387662B2; US8720334B2; US8794141B2; US9278514B2; US10052862B2; EP1867477B2

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EP 0136972 A1 19850410; EP 0136972 B1 19880601; AT E31509 T1 19880115; AT E34704 T1 19880615; AU 3111784 A 19850131; AU 3587884 A 19860605; AU 567196 B2 19871112; AU 567356 B2 19871119; CA 1222161 A 19870526; CA 1227506 A 19870929; DD 218589 A5 19850213; DE 3468195 D1 19880204; DE 3471610 D1 19880707; EP 0132857 A1 19850213; EP 0132857 B1 19871223; IN 162454 B 19880528; JP H0425 B2 19920106; JP S6042044 A 19850306; NL 8500169 A 19860818; NL 8500170 A 19860818; SU 1384192 A3 19880323; US 4552066 A 19851112; US 4584939 A 19860429; US 4794856 A 19890103

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EP 84810368 A 19840724; AT 84200708 T 19840517; AT 84810368 T 19840724; AU 3111784 A 19840724; AU 3587884 A 19841126; CA 456992 A 19840620; CA 469488 A 19841206; DD 26564784 A 19840725; DE 3468195 T 19840517; DE 3471610 T 19840724; EP 84200708 A 19840517; IN 54DE1985 A 19850125; JP 15222584 A 19840724; NL 8500169 A 19850122; NL 8500170 A 19850122; SU 3768321 A 19840724; US 62298884 A 19840621; US 67584884 A 19841128; US 82332286 A 19860128