Title (en)

ROTARY WEB OFFSET PRINTING MACHINE PROVIDED WITH A PRINTING UNIT WITH A FLYING PRINTING PLATE EXCHANGE

Publication

EP 0243721 B1 19910529 (DE)

Application

EP 87104924 A 19870402

Priority

DE 3614029 A 19860425

Abstract (en)

[origin: US4753168A] To permit selective operation of a rubber blanket-plate cylinder couple located, respectively, above and below an impression cylinder for double prime printing, prime-and-verso printing, or printing plate change while printing is carried out with a remaining couple and during operation of the machine, two clutches (21 or 25) selectively feed a main rotary drive from a main gear (18, 19) to the drive gears (22, 23) of the upper blanket cylinder-plate cylinder couple (2, 4) or, upon operation of a clutch (25) via drive gears (26, 27) to the lower blanket cylinder-plate cylinder couple (3, 5). For prime-and-verso printing, only one of the clutches (e.g. 21) is operated. A further clutch (29) located on the shaft (13) of the upper blanket cylinder (2) can be coupled to the blanket cylinder shaft by a third clutch (29) which, for plate exchange during machine operation, is disengaged and, upon engagement, permits operation of the second blanket cylinder-plate cylinder couple in reverse direction-with respect to double-prime printing-while the second impression cylinder (25) then will spin freely on its shaft.

IPC 1-7

B41F 7/10; B41F 13/00

IPC 8 full level

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CPC (source: EP US)

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DE 3614029 C1 19870402; CA 1304259 C 19920630; EP 0243721 A2 19871104; EP 0243721 A3 19890426; EP 0243721 B1 19910529; JP 2541549 B2 19961009; JP S62257846 A 19871110; US 4753168 A 19880628

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