

Title (en)

BLANKET CYLINDER FOR WEB-FED OFFSET ROTARY PRINTING MACHINES

Publication

EP 0194618 B1 19890510 (DE)

Application

EP 86103096 A 19860307

Priority

DE 3509046 A 19850314

Abstract (en)

[origin: US4738200A] To prevent entirely, or at least largely, loss of contact of a pair of blanket cylinders as they roll off against each other upon passing the respective clamping grooves of the rubber blanket cylinders, the rubber blanket cylinders adjacent the edges of the clamping groove (13,14) are formed with transition zones (15,17; 16,18) which rise above a circle formed by the cylinders, in cross section. The rise (Y) is in accordance with a non-circular mathematical function, and, for a cylinder of, for example, about 20 cm diameter, can be in the order of 0.1 mm. At operating speeds of current rotary offset printing machines, the rubber blankets will hardly lose contact from each other and thus stripping formation, due to oscillations of the blanket cylinders as they roll off against each other, is effectively eliminated.

IPC 1-7

B41F 7/20; B41F 13/08

IPC 8 full level

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CPC (source: EP US)

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Cited by

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