Title (en)

PROCESS FOR APPLYING A PROTECTIVE COVERING TO A PRINTING CYLINDER, AND DEVICE FOR CARRYING OUT THE PROCESS

Publication

EP 0221322 A3 19890308 (DE)

Application

EP 86113160 A 19860924

Priority

DE 3539586 A 19851108

Abstract (en)

[origin: US4766811A] To apply a cover plate on a printing cylinder, particularly to prevent corrosion of the cylinder surface, a double-side coated adhesive foil (2) is applied to a cover plate (1, 36, 65) which is wrapped about the cylinder, so that the cover plate will be adhered to the cylinder by the double-side coated adhesive foil. To install the cover plate, the cover plate (1) with the adhesive foil applied on one side, and, upon removal of a protective strip (S), is first placed in a clamping groove (34, 47, 65) of the cylinder, temporarily secured therein to provide for the adhesive to retain maximum adhesion strength, then wrapped about the cylinder, for example by a resilient pressure roller (40) while stripping off the protective strip (S) from between the cover plate and the cylinder; the end portion of the cover plate, which is left free from adhesive foil, is then wrapped about the trailing edge (52) of the groove, angled against the groove wall, and there adhered by a liquid or contact adhesive.

IPC 1-7

B41F 13/08; B41F 27/12; B41N 5/02

IPC 8 full level

B41F 27/12 (2006.01); **B41F 13/08** (2006.01); **B41F 27/00** (2006.01)

CPC (source: EP US)

B41F 13/08 (2013.01 - EP US); **B41F 27/00** (2013.01 - EP US); B41N 6/00 (2013.01 - EP US); Y10T 156/1033 (2015.01 - EP US)

Citation (search report)
- [AD] EP 0149036 A2 19850724 - ROLAND MAN DRUCKMASCH [DE]
- [A] US 4092925 A 19780606 - FROMSON HOWARD A
- [A] US 3347162 A 19671017 - STUART BRAZNELL GEORGE, et al
- [A] CH 477977 A 19690915 - ALBERT SCHNELLPRESSEN [DE]
- [A] US 3828672 A 19740813 - GAZZOLA l, et al

Cited by

EP1852258A1; EP1138485A3

Designated contracting state (EPC)

CH DE FR GB IT LI SE

DOCDB simple family (publication)

EP 0221322 A2 19870513; **EP 0221322 A3 19890308**; DE 3539586 A1 19870514; DE 3539586 C2 19870917; JP S62111745 A 19870522; US 4766811 A 19880830

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