

Title (en)

METHOD FOR FILLING THE GAP BETWEEN THE ENDS OF AN INTAGLIO PRINTING PLATE CLAMPED ONTO A FORME CYLINDER

Publication

**EP 0174568 B1 19900502 (DE)**

Application

**EP 85110932 A 19850830**

Priority

DE 3433046 A 19840908

Abstract (en)

[origin: US4635549A] To close the gaps (6) which result between the end or edge sections (7) of the gravure printing plates (2) when the latter are clamped on form cylinders (1) of rotary gravure presses, the gap (6) is covered with a cover element (8) in which at least that surface region which lies on the end or edge sections (7) of the gravure printing plate (2) and covers the gap (6) is deformable under pressure and can therefore be matched up with the surface contour in the gap region, the cover element is pressed onto the surface of the gravure printing plate, the resulting gap cavity is filled with a curable filling compound and, when curing of the filling compound is complete, the cover element is removed. It is particularly advantageous to use cover elements which are in the form of hollow bodies and which are filled with a pressure-generating and pressure-transmitting medium, and the pressure exerted on the deformable surface of the cover element which lies on the gravure printing plate, and hence also the surface contour of the closed gap, can be controlled via the internal pressure in the cavity of the cover element.

IPC 1-7

**B41F 27/12**

IPC 8 full level

**B41C 1/18** (2006.01); **B41F 13/11** (2006.01); **B41F 27/00** (2006.01); **B41F 27/12** (2006.01); **B41N 3/00** (2006.01)

CPC (source: EP US)

**B41F 27/1293** (2013.01 - EP US); **B41N 3/00** (2013.01 - EP US)

Cited by

US6237492B1; US4896603A; EP0284972A3; US5075365A; EP0849080A1; EP0283784A3; DE8703987U1

Designated contracting state (EPC)

AT BE CH DE FR GB IT LI NL SE

DOCDB simple family (publication)

**EP 0174568 A2 19860319; EP 0174568 A3 19870819; EP 0174568 B1 19900502**; AT E53791 T1 19900615; CA 1249119 A 19890124; DE 3433046 A1 19860320; DE 3577416 D1 19900607; DK 164810 B 19920824; DK 164810 C 19930111; DK 406685 A 19860309; DK 406685 D0 19850906; ES 296936 U 19880216; ES 296936 Y 19881116; JP S6172552 A 19860414; US 4635549 A 19870113

DOCDB simple family (application)

**EP 85110932 A 19850830**; AT 85110932 T 19850830; CA 490134 A 19850906; DE 3433046 A 19840908; DE 3577416 T 19850830; DK 406685 A 19850906; ES 296936 U 19850906; JP 19615085 A 19850906; US 77266185 A 19850905