Title (en)

METHOD AND DEVICE FOR THE PREADJUSTMENT OF THE REGISTER OF MULTICOLOUR WEB-PRINTING MACHINES

Publication

EP 0070565 B1 19841212 (DE)

Application

EP 82106544 A 19820720

Priority

- DE 3128767 A 19810721
- DE 3149195 A 19811211

Abstract (en)

[origin: EP0070565A1] 1. A method of preadjusting the printing cylinders (4) of roll-fed multicolour rotary presses, in which each of said printing cylinders is provided with a mark, wherein the printing cylinders (4) are adjusted to initial positions in accordance with the position of their marks relative to stationary marks provided on the frame and for this purpose are uncoupled from their drives and are subsequently coupled to their drives in accordance with the length of the web (3) between the corresponding stationary mark on the frame and the mark on the first printing cylinder (4), characterized in that the web (3) to be printed upon is moved into the printing press (1) and is printed with the registration marks of the printing units (11, 12, 13, 14), that the printing cylinders (4) of the printing units (12, 13, 14) succeeding the first printing unit (11) are uncoupled from their drives (6) when the registration marks printed by said succeeding printing units are detected by a photodetector (32, 33, 34) which is associated with the respective printing cylinder (4) and constitutes a stationary mark on the frame, and the printing cylinders (4) are coupled to their drives (6) in succession when the respective associated photodetector (32, 33, 34) detects the mark printed by the printing cylinder (4) of the preceding printing unit (11).

IPC 1-7

B41F 13/02; B41F 13/14

IPC 8 full level

B41F 13/02 (2006.01); **B41F 13/14** (2006.01)

CPC (source: EP)

B41F 13/025 (2013.01); **B41F 13/14** (2013.01); B41P 2233/13 (2013.01)

Cited by

EP1132203A1; EP1295721A1; EP0467316A1; CN108263076A; US6499397B2; EP2014470A1; US7093540B2; WO9429108A1; WO2004082939A1

Designated contracting state (EPC)

CH FR GB IT LI

DOCDB simple family (publication)

EP 0070565 A1 19830126; **EP 0070565 B1 19841212**; DE 3149195 A1 19830324; DE 3149195 C2 19840412

DOCDB simple family (application)

EP 82106544 A 19820720; DE 3149195 A 19811211