

Title (en)

ROTARY PRINTING MACHINE FOR SHEETS WITH SEVERAL UNITS FOR PRINTING RECTO AND RECTO-VERSO

Publication

**EP 0392205 B1 19930728 (DE)**

Application

**EP 90104860 A 19900315**

Priority

DE 3911609 A 19890408

Abstract (en)

[origin: EP0392205A2] The sheet-fed rotary printing machine described is equipped with a combined device for joint adjustment of the printing units and changing the grippers when changing the machine over from recto printing to recto-verso printing. This combined device can be designed with electric or mechanical elements. A mechanical design is preferred, in which a transmission is provided, the parts of which are mounted either on the fixed gearwheel (6) or on the adjustment gearwheel (10) and convert the relative movement of the two gearwheels (6, 10) to one another in a predetermined angular range to a rotary movement and transfer it to a selector shaft (21) or other members for the changeover of the gripper control or convert it in another manner to a selector path for initiating the changeover of the gripper control. <IMAGE>

IPC 1-7

**B41F 21/10**

IPC 8 full level

**B41F 21/00** (2006.01); **B41F 21/10** (2006.01)

CPC (source: EP US)

**B41F 21/106** (2013.01 - EP US)

Designated contracting state (EPC)

CH DE ES FR GB IT LI SE

DOCDB simple family (publication)

**EP 0392205 A2 19901017; EP 0392205 A3 19910424; EP 0392205 B1 19930728;** AU 5005290 A 19901011; AU 631852 B2 19921210; CA 2010495 A1 19901008; CA 2010495 C 19940111; CN 1021557 C 19930714; CN 1046124 A 19901017; DE 3911609 A1 19901011; DE 3911609 C2 19921008; DE 59002062 D1 19930902; ES 2043150 T3 19931216; JP 2554186 B2 19961113; JP H02286337 A 19901126; US 5076164 A 19911231

DOCDB simple family (application)

**EP 90104860 A 19900315;** AU 5005290 A 19900222; CA 2010495 A 19900220; CN 90101855 A 19900406; DE 3911609 A 19890408; DE 59002062 T 19900315; ES 90104860 T 19900315; JP 9049990 A 19900406; US 50725590 A 19900409