

Title (en)  
Rotary printing press

Title (de)  
Rotationsdruckmaschine

Title (fr)  
Machine d'impression rotative

Publication  
**EP 0788879 B1 20000322 (FR)**

Application  
**EP 97101657 A 19970204**

Priority  
CH 33496 A 19960209

Abstract (en)  
[origin: EP0788879A1] The rotary printing machine has the printing cylinders (16) at each printing station (1,2,3) directly driven by a vectorial asynchronous motor (26) controlled by an electronic circuit (101) regulating angular position. The set angular position is delivered over time from a central synchronisation controller. The assembly of cylinder, shaft and rotor is mobile in axial translation, to allow correction of lateral position of the printing plates or the cylinder. Reference marks printed by each station are monitored to determine the misalignment. Errors are corrected by an adjuster mechanism (35) driven by an electric motor (25). An angle encoder on each shaft provides rotational position information.

IPC 1-7  
**B41F 13/14**; B41F 13/00; B41F 13/008

IPC 8 full level  
**B41F 13/12** (2006.01); **B41F 13/00** (2006.01); **B41F 13/008** (2006.01); **B41F 13/14** (2006.01); **B41F 33/08** (2006.01); **B41F 33/14** (2006.01)

CPC (source: EP US)  
**B41F 13/00** (2013.01 - EP US); **B41F 13/008** (2013.01 - EP US); **B41F 13/14** (2013.01 - EP US); **B41P 2213/734** (2013.01 - EP US)

Cited by  
EP0949070A3; EP2090432A1; DE102008042939B4; ES2395183A1; DE102014224117A1; DE102014224117B4; US6543355B1; WO2009059692A3; WO2013024186A1; WO9955533A3; EP1175300B2

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**EP 97101657 A 19970204**; AU 1254897 A 19970205; BR 9700918 A 19970207; CA 2197036 A 19970207; CH 33496 A 19960209; CN 97100703 A 19970206; DE 69701481 T 19970204; JP 2636597 A 19970210; KR 19970003796 A 19970206; TW 86101406 A 19970205; US 79756897 A 19970207