

Title (en)
Rotary printing machine

Title (de)
Rotationsdruckmaschine

Title (fr)
Machine à imprimer rotative

Publication
EP 0567741 B1 19960703 (DE)

Application
EP 93103353 A 19930303

Priority
DE 4214394 A 19920430

Abstract (en)
[origin: CA2094742A1] In a rotary printing machine with directly driven cylinders and at least one directly driven folding unit (12), those drives of the cylinders and their drive controllers which can be assigned to a paper web are combined to form printing-station groups (2). The printing-station groups (2a-d) are connected to one another, to the folding unit (12) and to the operating and data-processing unit (1) via a data bus (3). Within the printing-station group (2), the individual drives of the cylinders and their drive controllers are connected via a high-speed bus system. The printing-station groups (2a-d) acquire their position reference directly from the folding unit (12). The master control system (1) is now responsible only for the presetting of desired values and desired-value deviations and the processing of actual values. The division of the overall control system into a master control system and autonomous printing-station groups (2) achieves that simplicity, flexibility and robustness in respect of faults which is necessary for producing a directly driven rotary printing machine. (Figure 1)

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IPC 8 full level
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CPC (source: EP US)
B41F 13/0045 (2013.01 - EP US); **B41F 13/12** (2013.01 - EP US); **B41P 2213/734** (2013.01 - EP US)

Cited by
EP2286996A1; US5947023A; EP0741019A3; DE19727824C1; EP1110722A1; EP1275499A3; EP0709184A1; EP1101609A1; US5901647A; EP0741020A3; EP1493564A1; EP1277575A1; EP1132202A1; EP0699524A3; EP0930159A1; EP0930160A1; EP1155826A3; US6408748B1; WO9901928A1; WO9629204A1; WO9711848A1; EP0693374B1; US7296516B2; US7448320B2; US7546801B2; US7562623B2; US6644184B1; US6779446B2; US7000539B2; US7146908B2; US7159513B2; EP2221178A1; EP3169529B1

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