Title (en)

Automatic plate feed system.

Title (de)

Automatisches Plattenzuführ- und Zylinderbeschickungssystem.

Title (fr)

Alimentation automatique de plaques.

Publication

EP 0441141 B1 19941221 (DE)

Application

EP 91100538 A 19910118

Priority

DE 4003445 A 19900206

Abstract (en)

[origin: EP0441141A2] 2.1 A known plate and cylinder feed system has a transport carrier, by means of which the printing plates are fed to the printing units, a transport track for transporting unusable plates after the printing operation and a plurality of robots for mounting and removing the printing plates. It is disadvantageous in this system that the robots do not take over the printing plates directly from the transport carrier, but the printing plates are firstly transferred by means of an unloading device from the transport carrier to an auxiliary transport carrier which takes the printing plates to corresponding transfer points at which the respective robot takes them over. <??>2.2 The automatic plate and cylinder feed system according to the invention has a carriage (1) for transporting a plurality of printing plates (20) along the printing machine to a printing unit (101, 102, 103) and a handling device (3), which can be moved in each case between two respective printing units in the axial direction of the cylinder, for removing a printing plate (20) from the carriage (1) and for mounting the printing plate (20) on a plate cylinder of the printing unit and for removing a printing plate (20) from the respective plate cylinder and for depositing the printing plate (20) in the carriage (1). <??>2.3 The invention can be used for all rotary printing machines. <IMAGE>

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CPC (source: EP US)

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Cited by

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