

Title (en)

Device for changing printing plates automatically in offset sheet printing machines with several printing units

Title (de)

Vorrichtung zum automatischen Wechseln von Druckplatten bei Bogenoffsetdruckmaschinen mit mehreren Druckwerken

Title (fr)

Dispositif de remplacement automatique des plaques d'impression dans des machines offset pour imprimer des feuilles avec plusieurs groupes d'impression

Publication

EP 0623467 B1 19970402 (DE)

Application

EP 94102374 A 19940217

Priority

DE 4309658 A 19930325

Abstract (en)

[origin: US5454317A] An apparatus for the automatic changing of new and used printing plates in sheet-fed offset printing machines, having a plurality of printing units, includes a central printing plate storage container and a printing plate transport apparatus. Mounted on each plate cylinder of a printing unit is a guide device which is pivotable so as to be capable of being thrown onto the plate cylinder and off from the latter and via which a new printing plate can be fed from above to the plate cylinder and, with the plate cylinder slowly rotating backwards, a used printing plate can also be conveyed out and upwards. Mounted above the printing machine is a guide rail on which a travelling carriage of the transport apparatus, having plate gripping and lifting devices, can be moved along all the printing units of the printing machine. The transport apparatus conveys the used printing plates from the printing units to the central printing plate storage container and, from the latter, new printing plates are provided to the respective printing units, where these printing plates are fed to the plate cylinder via the gripping and lifting device and via the respective thrown-on guide device.

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CPC (source: EP US)

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EP 0570702 A1 19931124 - ROLAND MAN DRUCKMASCH [DE]

Cited by

CN102632689A; EP1155839A3; EP2006102A3; EP1193057A1; EP1155839A2; EP0654349B1; EP0716921B1

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