Title (en)

Cassette for automatically exchanging printing plates in a printing machine

Title (de)

Magazin für das automatisierte Wechseln von Druckplatten einer Druckmaschine

Title (fr)

Magasin pour l'échange automatique de plaques d'impression dans une machine à imprimer

Publication

EP 0654349 B2 19991229 (DE)

Application

EP 94117317 A 19941103

Priority

DE 4339344 A 19931118

Abstract (en)

[origin: US5511478A] A magazine for the automated changing of printing plates of a sheet-fed offset printing machine. The magazine includes a guiding apparatus which can be put into place on the plate cylinder for purposes of conveying used printing plates out of the plate cylinder and for feeding new printing plates to the cylinder. The guiding apparatus may be formed by a sheet-metal profile. Provision is made of further guiding surfaces and a holder so that the used printing plate may be locked by the holder. An operator then only need pull the plate a short distance out of the gripping region of a leading edge clamping rail. Stops are provided for a printing plate so that the new printing plate can be deposited on the stops. By virtue of putting the guiding apparatus into place, the new printing plate is shifted toward the plate cylinder and can be fed into the front clamping rail by the operator.

IPC 1-7

B41F 27/12

IPC 8 full level

B41F 27/12 (2006.01)

CPC (source: EP US)

B41F 27/1206 (2013.01 - EP US)

Citation (opposition)

Opponent :

- JP S62221541 A 19870929 - MITSUBISHI HEAVY IND LTD
- EP 0433798 A2 19910626 - KOENIG & BAUER AG [DE]
- WO 9406630 A1 19940331 - KOENIG & BAUER AG [DE], et al
- EP 0551166 A1 19930714 - KOMORI PRINTING MACH [JP]
- WO 9406631 A1 19940331 - KOENIG & BAUER AG [DE], et al
- Prospect MAN-Roland "Roland 700 - Mit der neuen Leistungsdimension in die Zukunft des Mittelformats" IPEX'93

Cited by

EP1084835A3; US6425330B1; US6581518B2; US6655283B2; WO2020140346A1; WO2020140345A1

Designated contracting state (EPC)

AT BE CH DE FR GB IT LI NL SE

DOCDB simple family (publication)

US 5511478 A 19960430; AT E153598 T1 19970615; DE 4339344 C1 19950330; DE 59402906 D1 19970703; EP 0654349 A1 19950524; EP 0654349 B1 19970528; EP 0654349 B2 19991229; JP 2680274 B2 19971119; JP H07186369 A 19950725

DOCDB simple family (application)

US 34225594 A 19941118; AT 94117317 T 19941103; DE 4339344 A 19931118; DE 59402906 T 19941103; EP 94117317 A 19941103; JP 28077394 A 19941115