

Title (en)

Apparatus for mounting plate on plate cylinder

Title (de)

Verfahren zum Montieren einer Druckplatte auf einem Plattenzylinder

Title (fr)

Appareil pour monter une plaque d'impression sur un cylindre porte-plaques

Publication

EP 0503750 B1 19961016 (EN)

Application

EP 92250058 A 19920312

Priority

JP 10370291 A 19910314

Abstract (en)

[origin: EP0503750A1] An object of this invention is to provide an apparatus capable of easily and accurately mounting a plate (24) to a predetermined position of the circumferential surface of a plate cylinder (3). A safety cover (13) for covering the circumferential surface of a plate cylinder (3) is suspended and is vertically opened/closed by a pressure cylinder (5). A plate reception member (21) and a plate holder (23) are mounted on the safety cover (13) to hold a plate (24) to be mounted on the plate cylinder (3). In mounting the plate (24), the safety cover (13) is opened, and the lower end of the plate (24) is removed from the plate holder (23) and is inserted into a plate lockup device (28) mounted in the plate cylinder (3). At this time, notches (32) formed at the lower end of the plate (24) are respectively engaged with reference pins (31) formed on the plate lockup device (28). When the upper end of the plate (24) is inserted into the plate press member, the notches (32) of the plate (24) are fitted on the reference pins (31) by the weight of the plate (24) and the behavior of the plate press member (26). <IMAGE>

IPC 1-7

B41F 27/12

IPC 8 full level

B41F 13/00 (2006.01); **B41F 27/12** (2006.01)

CPC (source: EP)

B41F 27/1206 (2013.01)

Cited by

DE10010056B4; US5361699A; FR2738183A1; US5511478A; DE4414836A1; GB2277903A; EP1086811A3; US6386101B2; US6450095B1; US9381734B2

Designated contracting state (EPC)

AT CH DE FR GB IT LI NL SE

DOCDB simple family (publication)

EP 0503750 A1 19920916; EP 0503750 B1 19961016; AT E144186 T1 19961115; DE 69214487 D1 19961121; DE 69214487 T2 19970430; JP 2722022 B2 19980304; JP H04284252 A 19921008

DOCDB simple family (application)

EP 92250058 A 19920312; AT 92250058 T 19920312; DE 69214487 T 19920312; JP 10370291 A 19910314