

Title (en)

Device for tensioning a printing plate on a plate cylinder

Title (de)

Spannvorrichtung zum Spannen einer Druckplatte auf einem Plattenzylinder

Title (fr)

Dispositif pour tendre une plaque d'impression sur un cylindre de plaque

Publication

**EP 0579017 B1 19970910 (DE)**

Application

**EP 93110229 A 19930626**

Priority

DE 4223908 A 19920630

Abstract (en)

[origin: EP0579017A1] A device for tensioning a printing plate on an impression cylinder is specified, having a front clamping unit which has register elements (16, 17) for attaching the printing plate (14) with its register punchings (50, 52) and in which the printing plate (14) can be clamped mechanically, hydraulically or pneumatically with the register punchings (50, 52) in contact. Furthermore, a rear clamping unit is provided for receiving and for clamping the printing plate (14) at its end opposite the register punchings, and a tensioning unit for tensioning the printing plate (14) in the circumferential direction of the impression cylinder. In order to guarantee correct contact of the printing plate with its register punchings against the register elements, sensor elements (48, 49, 68, 69) are provided, by means of which the complete contact of the register punchings (50, 52) against the register elements (16, 17) is checked. <IMAGE>

IPC 1-7

**B41F 27/00**; **B41F 27/12**

IPC 8 full level

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

CPC (source: EP)

**B41F 27/005** (2013.01); **B41F 27/1206** (2013.01); **B41P 2227/30** (2013.01)

Cited by

DE102012220736A1; DE102012214587A1; DE102012214585A1; WO2013001009A1; WO2013160096A1; CN103648781A; EP0710555A3; EP0982130A1; CN104245319A; DE102012214585B4; DE102012220736B4; DE102012214587B4; EP0933204A1; US6135027A; DE102014002528A1; DE102014002528B4; CN103648780A; AU2012277305B2; KR101531127B1; CN106696442A; WO2013001010A2; DE102012207105B4; EP0653301A1; CN103608181A; AU2012277817B2; EP3771563A1; WO2013001010A3; WO2013001518A1; WO9604139A1; US8869697B2; WO2013160094A1; WO2013160095A1; US8943967B2; US10754197B2; WO9833651A1; WO2014026774A1; US9387665B2; US9242452B2

Designated contracting state (EPC)

CH DE FR GB IT LI

DOCDB simple family (publication)

**EP 0579017 A1 19940119**; **EP 0579017 B1 19970910**; DE 4223908 A1 19940105; DE 4223908 C2 19950928; DE 59307312 D1 19971016

DOCDB simple family (application)

**EP 93110229 A 19930626**; DE 4223908 A 19920630; DE 59307312 T 19930626