Title (en)

Support for a press element which can be pressed into and retracted from a cylinder of a printing machine

Title (de)

Aufhängung für ein an einem Zylinder einer Druckmaschine an- und abstellbares Andrückelement

Title (fr)

Support pour un élément de pression pouvant être séparé de et pressé contre un cylindre d'une machine d'impression

Publication

EP 0709187 B1 19980715 (DE)

Application

EP 95116084 A 19951012

Priority

DE 4438754 A 19941029

Abstract (en)

[origin: US5562033A] A suspension system which is used to mount a plate nipping element on the frame of a printing machine is provided. The suspension system includes a setting arrangement adapted to move the nipping element between a position where it is engaged against the circumferential surface of a plate cylinder and a position where the nipping element is disengaged from the plate cylinder after first executing an idle stroke. The suspension system also includes a spring means adapted to support the weight of the nipping element on the frame of the printing machine when the nipping element is disengaged from the plate cylinder. In addition, the setting arrangement and the spring are adapted to allow the disengaged nipping roller to pivot away from the plate cylinder further biasing the spring when an object contacts the nipping element.

IPC 1-7

B41F 27/12; B41F 33/00

IPC 8 full level

B41F 27/12 (2006.01); **B41F 33/00** (2006.01)

CPC (source: EP US)

B41F 27/1206 (2013.01 - EP US); **B41F 33/0018** (2013.01 - EP US)

Cited by

CN108394171A

Designated contracting state (EPC)

AT BE CH DE FR GB IT LI LU NL SE

DOCDB simple family (publication)

US 5562033 A 19961008; AT E168325 T1 19980815; DE 4438754 A1 19960502; DE 4438754 C2 19980219; DE 59502817 D1 19980820; EP 0709187 A1 19960501; EP 0709187 B1 19980715; JP 2866041 B2 19990308; JP H08207248 A 19960813

DOCDB simple family (application)

US 54610095 A 19951020; AT 95116084 T 19951012; DE 4438754 A 19941029; DE 59502817 T 19951012; EP 95116084 A 19951012; JP 27888395 A 19951026