

Title (en)

CLAMPING DEVICE FOR CLAMPING A FLEXIBLE COVERING OF A CYLINDER OF A PRINTING PRESS

Title (de)

KLEMMVORRICHTUNG ZUM KLEMMEN EINER FLEXIBLEN BESPANNUNG EINES ZYLINDERS EINER DRUCKMASCHINE

Title (fr)

DISPOSITIF DE SERRAGE POUR FIXER PAR SERRAGE UN REVETEMENT FLEXIBLE DE CYLINDRE DE MACHINE A IMPRIMER

Publication

EP 1545880 B1 20070919 (DE)

Application

EP 03798028 A 20030924

Priority

- CH 0300638 W 20030924
- DE 10244945 A 20020926
- DE 10244944 A 20020926

Abstract (en)

[origin: WO2004028807A1] The invention relates to a clamping device for clamping a flexible covering (2, 3) of a cylinder (1) of a printing press, said cylinder having an axial channel (6) on a lateral surface. The clamping device comprises: d) a clamping body (10; 20; 25) that, together with a first opposing surface, forms a clamping gap inside the channel (6), whereby this clamping gap is provided for accommodating at least one end of the covering (2, 3) that projects through an opening (7) of the channel (6); e) two channel walls, which face the first opposing surface (4) and of which one forms a second opposing surface (5) and the other forms a third opposing surface (9) against all of which the clamping body (10; 20; 25) rests while in contact; f) a spring (10; 20; 14; 15) forms the clamping body (10; 20; 25) and at least one of the opposing surfaces (4, 5, 9), and an elasticity force of the spring (10; 20; 14; 15) tightens the clamping body (10; 20; 25) and the first opposing surface (4) against one another in order to clamp the at least one end of the covering (2, 3) when the covering (2, 3) is inserted.

IPC 8 full level

B41F 27/12 (2006.01); **B41F 1/28** (2006.01)

CPC (source: EP US)

B41F 27/1262 (2013.01 - EP US)

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)

WO 2004028807 A1 20040408; AT E373565 T1 20071015; DE 50308239 D1 20071031; EP 1545880 A1 20050629; EP 1545880 B1 20070919; EP 1545881 A1 20050629; JP 2006500248 A 20060105; JP 2006500249 A 20060105; US 2005268803 A1 20051208; US 2006150845 A1 20060713; US 7478592 B2 20090120; WO 2004028808 A1 20040408

DOCDB simple family (application)

CH 0300638 W 20030924; AT 03798028 T 20030924; CH 0300639 W 20030924; DE 50308239 T 20030924; EP 03798028 A 20030924; EP 03798029 A 20030924; JP 2004538634 A 20030924; JP 2004538635 A 20030924; US 52645105 A 20050302; US 52645205 A 20050302