

Title (en)  
PRINTING PLATE CYLINDER WITH EXCHANGEABLE SLEEVE

Title (de)  
DRUCKPLATTENZYLINDER MIT AUSTAUSCHBARER HÜLSE

Title (fr)  
CYLINDRE POUR PLAQUE D'IMPRESSION AVEC MANCHON AMOVIBLE

Publication  
**EP 1827831 B1 20170830 (DE)**

Application  
**EP 05789207 A 20051003**

Priority

- EP 2005010692 W 20051003
- DE 102004051041 A 20041020

Abstract (en)  
[origin: WO2006042637A2] The invention relates to a printing plate cylinder (1) used to equip a printing machine, comprising the following elements (2,3): a cylinder core (3) which is rotationally mounted in the printing machine and a sleeve (2) which can be at least partially drawn over the cylinder core (3). The angular position of the two elements (2,3) in relation to each other can be adjusted with the following means: a male register element (6,10,11) which is coupled to one of the two elements (2,3) to be adjusted, a female register element (7) which is a component of the other respective element that is to be adjusted. The two above-mentioned register elements actively cooperate with each other when the elements (2,3) that are to be adjusted are located in the set-point position thereof. At least one of the two register elements (6,10,11) is moveably coupled to the respective element (2,3) to be adjusted.

IPC 8 full level  
**B41F 27/10** (2006.01); **B41F 27/00** (2006.01); **B41F 27/14** (2006.01)

CPC (source: EP US)  
**B41F 27/005** (2013.01 - EP US); **B41F 27/105** (2013.01 - EP US); **B41F 27/14** (2013.01 - EP US); **Y10S 101/36** (2013.01 - EP US)

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)  
**DE 102004051041 B3 20060302**; EP 1827831 A2 20070905; EP 1827831 B1 20170830; ES 2641247 T3 20171108;  
US 2008105149 A1 20080508; US 8800445 B2 20140812; WO 2006042637 A2 20060427; WO 2006042637 A3 20061123

DOCDB simple family (application)  
**DE 102004051041 A 20041020**; EP 05789207 A 20051003; EP 2005010692 W 20051003; ES 05789207 T 20051003; US 66586105 A 20051003