

Title (en)

GRAVURE PRINTING UNIT WITH A DOCTOR FOR THE PRINTING CYLINDER GRAVURE PRINTING MACHINE AND METHOD FOR EXCHANGE OF A PRINTING CYLINDER

Title (de)

TIEFDRUCKWERK MIT EINEM ABSTREIFER FÜR DEN FORMZYLINDER, TIEFDRUCKMASCHINE UND VERFAHREN ZUM AUSTAUSCH EINES FORMZYLINDERS

Title (fr)

DISPOSITIF D'HELIOGRAVURE DOTE D'UNE RACLE POUR LE CYLINDRE PORTE-CLICHES, MACHINE D'HELIOGRAVURE ET PROCEDE POUR CHANGER UN CYLINDRE PORTE-CLICHES

Publication

EP 1817167 B1 20080521 (DE)

Application

EP 05819396 A 20051109

Priority

- EP 2005012035 W 20051109
- DE 102004056631 A 20041123

Abstract (en)

[origin: WO2006056323A1] The invention relates to a gravure printing unit (4), comprising a printing cylinder (1), to which (1) at least one ink doctor blade (26) is applied, with an ink stripping surface (16) in contact with the circumferential surface of the printing cylinder, at least in partial regions of the printing cylinder (1). The radius of curvature of the ink stripping surface (16) may be matched to the radius of curvature of the printing cylinder (1), at least over partial regions of the extension thereof in the circumferential direction (f) of the printing cylinder (1), in a novel and inventive manner. A method for exchange of printing cylinders (1) is also disclosed.

IPC 8 full level

B41F 9/06 (2006.01)

CPC (source: EP)

B41F 9/068 (2013.01)

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 102004056631 B3 20060202; AT E396046 T1 20080615; DE 502005004223 D1 20080703; EP 1817167 A1 20070815; EP 1817167 B1 20080521; WO 2006056323 A1 20060601

DOCDB simple family (application)

DE 102004056631 A 20041123; AT 05819396 T 20051109; DE 502005004223 T 20051109; EP 05819396 A 20051109; EP 2005012035 W 20051109