

Title (en)
Ductor blade arrangement

Title (de)
Rakelanordnung

Title (fr)
Dispositif de racle d'essuyage

Publication
EP 0602431 B1 20000202 (DE)

Application
EP 93119115 A 19931126

Priority
DE 4242582 A 19921216

Abstract (en)
[origin: EP0602431A1] To reduce the stoppage times of a rotary intaglio printing machine and the amount of waste occurring, provision is made in a doctor blade arrangement, in which a doctor blade extending parallel to the axis of rotation of the forme cylinder (1) is pressed against the forme cylinder with the aid of a doctor blade beam (25) to scrape off the excess ink, for the doctor blade to be formed by a strip (20) which is so flexible that it can be wound and unwound around axes running transversely to its longitudinal direction, for the doctor blade strip to be mounted and guided on the doctor blade beam in such a way that it is displaceable counter to and in the longitudinal direction, for the length of the doctor blade strip to be far greater than the axial length of the forme cylinder, and for a winding device (28, 29) to be arranged in each case in the region of the axial ends of the forme cylinder for winding and unwinding the doctor blade strip. Using a drive device, the doctor blade strip can be displaced in the longitudinal direction during the printing operation, in which case it is unwound from the one winding device and wound onto the other winding device. <IMAGE>

IPC 1-7
B41F 9/10

IPC 8 full level
B41F 9/08 (2006.01); **B41F 9/10** (2006.01); **B41F 9/14** (2006.01)

CPC (source: EP US)
B41F 9/109 (2013.01 - EP US)

Designated contracting state (EPC)
AT BE CH DE ES FR GB IT LI NL

DOCDB simple family (publication)
EP 0602431 A1 19940622; EP 0602431 B1 20000202; AT E189424 T1 20000215; CA 2111427 A1 19940617; CA 2111427 C 19990817; CZ 272993 A3 19940713; CZ 286937 B6 20000816; DE 4242582 A1 19940623; DE 4242582 C2 19980319; DE 59309944 D1 20000309; FI 107900 B 20011031; FI 935631 A0 19931215; FI 935631 A 19940617; HU 214713 B 19980528; HU 9303590 D0 19940428; HU T69466 A 19950928; JP 2777968 B2 19980723; JP H06278263 A 19941004; PL 173223 B1 19980227; PL 301481 A1 19940627; US 5437227 A 19950801

DOCDB simple family (application)
EP 93119115 A 19931126; AT 93119115 T 19931126; CA 2111427 A 19931214; CZ 272993 A 19931213; DE 4242582 A 19921216; DE 59309944 T 19931126; FI 935631 A 19931215; HU 9303590 A 19931215; JP 34363793 A 19931216; PL 30148193 A 19931214; US 16370493 A 19931209