

Title (en)

Sheet-fed rotary printing press with printing units for multicolour printing and at least one coating unit

Title (de)

Bogenrotationsdruckmaschine mit Druckeinheiten für den Mehrfarbendruck und wenigstens einer Beschichtungseinheit

Title (fr)

Machine d'impression rotative à feuilles comportant des unités d'impression pour l'impression en polychromie et au moins une unité de couchage

Publication

**EP 1097813 B1 20030709 (DE)**

Application

**EP 00118343 A 20000824**

Priority

DE 29918488 U 19991020

Abstract (en)

[origin: US6371024B1] The invention relates to a sheet-fed rotary printing machine with printing units for multicolor printing and at least one coating unit. An object of the invention is to provide stable quality during the coating process and to reduce contamination of coating fluids. This is achieved by providing at least one coating unit being arranged downstream of the printing units, the coating unit including a cleaning system. More specifically, each of the coating units has a rotatable applicator roller, a metering system for applying coating fluid to the applicator roller, and a cleaning wiper system which is movable into and out of contact with the applicator roller. The cleaning wiper is arranged upstream of the metering system relative to a direction of rotation of the applicator roller.

IPC 1-7

**B41F 23/08**; **B41F 35/04**

IPC 8 full level

**B41F 31/08** (2006.01); **B41F 23/08** (2006.01); **B41F 31/20** (2006.01); **B41F 35/04** (2006.01)

CPC (source: EP US)

**B41F 23/08** (2013.01 - EP US); **B41F 35/04** (2013.01 - EP US); **B41P 2235/14** (2013.01 - EP US); **B41P 2235/21** (2013.01 - EP US); **B41P 2235/26** (2013.01 - EP US)

Cited by

EP2497641A4; US7471907B2; EP1510338A1; US7463851B2; US8099030B2; WO2005013013A3; US11904599B2; DE102010000549A1; US8588655B2; WO2021205170A1

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

**US 6371024 B1 20020416**; AT E244638 T1 20030715; DE 29918488 U1 19991230; DE 50002818 D1 20030814; EP 1097813 A2 20010509; EP 1097813 A3 20010523; EP 1097813 B1 20030709; JP 2001113675 A 20010424; JP 3392822 B2 20030331

DOCDB simple family (application)

**US 69380600 A 20001020**; AT 00118343 T 20000824; DE 29918488 U 19991020; DE 50002818 T 20000824; EP 00118343 A 20000824; JP 2000305436 A 20001004