

Title (en)

Installation for the cleaning of ink transfer cylinders

Title (de)

Einrichtung zum Reinigen von farbübertragenden Zylindern

Title (fr)

Installation pour le nettoyage des cylindres destiné au transfert d'encre

Publication

EP 0741037 B1 20000712 (DE)

Application

EP 96106888 A 19960502

Priority

DE 29507416 U 19950504

Abstract (en)

[origin: CA2175410A1] A complete cleaning system for printing cylinders within a rotary printing press, by which a reactive erasing of ink-bearing layers, including the removal of filling materials from a gravure printing form, and a cleaning of ink from all form and transfer cylinders are possible during the printing process or during printing pauses. At least one erasing device is provided which emits a jet of water under pressure that can be directed against the corresponding outer surface of each desired cylinder so that, on the one hand, all traces of ink can be removed and, on the other hand, a reactive erasing of ink-conducting layers including filling materials from a gravure printing-form cylinder is possible.

[origin: CA2175410A1] A complete cleaning system for printing cylinders within a rotary printing press, by which a reactive erasing of ink-bearing layers, including the removal of filling materials from a gravure printing form, and a cleaning of ink from all form and transfer cylinders are possible during the printing process or during printing pauses. At least one erasing device is provided which emits a jet of water under pressure that can be directed against the corresponding outer surface of each desired cylinder so that, on the one hand, all traces of ink can be removed and, on the other hand, a reactive erasing of ink-conducting layers including filling materials from a gravure printing-form cylinder is possible.

IPC 1-7

B41F 35/02; **B41F 35/06**

IPC 8 full level

B41F 35/00 (2006.01); **B41F 35/02** (2006.01); **B41F 35/04** (2006.01); **B41F 35/06** (2006.01)

CPC (source: EP US)

B41F 35/00 (2013.01 - EP US); **B41P 2235/31** (2013.01 - EP US)

Cited by

EP1346827A3

Designated contracting state (EPC)

CH DE FR GB IT LI

DOCDB simple family (publication)

DE 29507416 U1 19950706; CA 2175410 A1 19961105; CA 2175410 C 20011023; DE 59605571 D1 20000817; EP 0741037 A2 19961106; EP 0741037 A3 19970212; EP 0741037 B1 20000712; JP 3083478 B2 20000904; JP H08300634 A 19961119; US 6928930 B1 20050816

DOCDB simple family (application)

DE 29507416 U 19950504; CA 2175410 A 19960430; DE 59605571 T 19960502; EP 96106888 A 19960502; JP 11099896 A 19960501; US 64286696 A 19960506