

Title (en)

METHOD FOR CLEANING AN INKING SYSTEM OF A ROTARY PRINTING PRESS AND INKING SYSTEM

Title (de)

VERFAHREN ZUM REINIGEN EINES FARBSYSTEMS EINER ROTATIONSDRUCKMASCHINE SOWIE FARBSYSTEM

Title (fr)

PROCÉDÉ POUR NETTOYER UN SYSTÈME D'ENCRAGE D'UNE PRESSE ROTATIVE AINSI QUE SYSTÈME D'ENCRAGE

Publication

EP 2844480 B1 20160525 (DE)

Application

EP 13712203 A 20130321

Priority

- DE 102012103851 A 20120502
- EP 2013055874 W 20130321

Abstract (en)

[origin: WO2013164128A1] The invention relates to an inking system (10) and a method for cleaning an inking system (10) of a rotary printing press (1). The inking system (10) comprises: a doctor blade device (11) with a doctor blade chamber (12) containing ink (2) for the printing process of the rotary printing press (1); an ink reservoir (13) from which ink (2) can be supplied to the doctor blade chamber (12); and a supply system (20) which allows ink (2) to be supplied inside the inking system (10). The inking system (10) is connected to a storage reservoir (60) into which ink (2) from the inking system (10) can be introduced, to a solvent reservoir (70) containing solvent (3) for cleaning the inking system (10), and to a dirt reservoir (80) into which ink (2) dirtied by the solvent (3) can be introduced. The supply system (20) is designed such as to carry out the following process steps for cleaning the inking system (10): A. automatically pumping off ink (2) from the inking system (10) to the storage reservoir (60) by means of the supply system (20); and B. automatically cleaning the inking system (10) by means of the solvent (3), in a first cleaning step the ink (3) being collected in the ink reservoir (13), and in a second cleaning step the solvent (3) being supplied to the dirt reservoir (80).

IPC 8 full level

B41F 31/02 (2006.01); **B41F 31/08** (2006.01); **B41F 31/20** (2006.01); **B41F 35/00** (2006.01); **B41F 35/04** (2006.01)

CPC (source: EP US)

B41F 31/027 (2013.01 - EP US); **B41F 31/08** (2013.01 - EP US); **B41F 31/20** (2013.01 - EP US); **B41F 35/00** (2013.01 - EP US); **B41F 35/04** (2013.01 - EP US)

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

WO 2013164128 A1 20131107; DE 102012103851 A1 20131121; EP 2844480 A1 20150311; EP 2844480 B1 20160525; US 2015174893 A1 20150625; US 9409386 B2 20160809

DOCDB simple family (application)

EP 2013055874 W 20130321; DE 102012103851 A 20120502; EP 13712203 A 20130321; US 201314398218 A 20130321