

Title (en)

INKING CARTRIDGE FOR A ROTOGRAVURE PRESS WITH OPTIMAL CONFIGURATIONS FOR SEVERAL TYPES OF INK

Title (de)

FARBWERK FÜR EINE ROTATIONSTIEFDRUCKPRESSE MIT OPTIMALEN KONFIGURATIONEN FÜR MEHRERE TINTENTYPEN

Title (fr)

CARTOUCHE D'ENCRAGE POUR UNE PRESSE À ROTOGRAVURE PRÉSENTANT DES CONFIGURATIONS OPTIMALES POUR PLUSIEURS TYPES D'ENCRE

Publication

EP 3807092 B1 20230524 (EN)

Application

EP 18753316 A 20180612

Priority

EP 2018025160 W 20180612

Abstract (en)

[origin: WO2019238200A1] The present invention discloses an inking system for a rotogravure press. The inking system uses a cartridge to allow for a fast change of ink. Also, the system is set up to change of the gravure cylinder (11, 12) without changing the ink cartridge. Finally, the system can adapt to a whole set of gravure cylinder diameters. The invention uses an ink pan (13) with adjustable height, and an inking roller (10) partially dipped in the ink (20) of the pan. The inking roller (10) is part of the cartridge and can be automatically engaged and dis-engaged by the printing unit.

IPC 8 full level

B41F 9/06 (2006.01)

CPC (source: EP)

B41F 9/063 (2013.01)

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 2019238200 A1 20191219; CN 112423986 A 20210226; CN 112423986 B 20230609; EP 3807092 A1 20210421; EP 3807092 B1 20230524

DOCDB simple family (application)

EP 2018025160 W 20180612; CN 201880094576 A 20180612; EP 18753316 A 20180612