Title (en)

PRINTING UNIT OF A PRINTING MACHINE, A METHOD FOR USE THEREOF AND A PRINTING MACHINE WITH A PLURALITY OF MODULES

Title (de)

DRUCKEINHEIT EINER DRUCKMASCHINE, EIN VERFAHREN ZU IHRER VERWENDUNG UND EINE DRUCKMASCHINE MIT MEHREREN MODULEN

Title (fr)

UNITÉ D'IMPRESSION D'UNE MACHINE D'IMPRESSION, PROCÉDÉ POUR SON UTILISATION ET MACHINE D'IMPRESSION COMPRENANT PLUSIEURS MODULES

Publication

EP 2265443 A1 20101229 (DE)

Application

EP 09720551 A 20090311

Priority

- EP 2009052844 W 20090311
- DE 102008000682 A 20080314
- DE 102008064625 A 20080314

Abstract (en)

[origin: WO2009112514A1] The invention relates to a printing unit (01) of a printing machine comprising a pair of side frames (02) disposed opposite to one another, with at least one printing mechanism and at least one ink unit (04) located therebetween, said printing mechanism comprising a plurality of printing cylinders (03), wherein each of the two side frames comprises a longitudinal crossbar (17) that runs in the direction of transport of a print substrate (24) traveling through the printing unit, wherein the two longitudinal crossbars bound a foot space (09) of the printing unit at two parallel sides, wherein a plurality of pipelines (11; 12; 13; 14) is disposed in the foot space between the two longitudinal crossbars, said pipelines supplying media to the printing unit, wherein the medium fed through the pipelines is liquid or gaseous, wherein at least one of the pipelines is connected to at least one user located in the printing unit to be supplied with the respective medium or to at least one source supplying the respective medium. Also, a method for using said printing unit is described as well as a printing machine comprising a plurality of said printing units, for example.

IPC 8 full level

B41F 13/00 (2006.01)

CPC (source: EP US)

B41F 13/00 (2013.01 - EP US); **B41F 13/0024** (2013.01 - EP US)

Citation (search report)

See references of WO 2009112514A1

Designated contracting state (EPC)

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 SE SI SK TR

Designated extension state (EPC)

AL BA RS

DOCDB simple family (publication)

WO 2009112514 A1 20090917; BR PI0909733 A2 20151006; CN 101970230 A 20110209; CN 101970230 B 20120905; DE 102008000682 A1 20090924; DE 102008000682 B4 20101007; DE 102008064625 A1 20090924; EP 2265443 A1 20101229; EP 2265443 B1 20131030; JP 2011513100 A 20110428; JP 4903289 B2 20120328; US 2011000383 A1 20110106; US 7958821 B2 20110614

DOCDB simple family (application)

EP 2009052844 W 20090311; BR PI0909733 A 20090311; CN 200980108919 A 20090311; DE 102008000682 A 20080314; DE 102008064625 A 20080314; EP 09720551 A 20090311; JP 2010550186 A 20090311; US 73612009 A 20090311