

Title (en)
Printing unit and printing press

Title (de)
Druckwerk und Druckmaschine

Title (fr)
Unité d'impression et machine d'impression

Publication
EP 2042315 A3 20110720 (DE)

Application
EP 08105299 A 20080911

Priority
DE 102007045876 A 20070925

Abstract (en)
[origin: EP2042315A2] The unit (10) has a plate cylinder (12) for receiving a printing plate, where the cylinder includes axis of rotation. An impression cylinder (14) has axis of rotation, and forms a printing nip with the plate cylinder for printing on a substrate. An ink applicator roller (16) is engaged by the printing plate for contacting the roller. The plate cylinder is pivotable about a pivot axis parallel to the axis of rotation of the impression cylinder. The axes of rotation of the plate cylinder and impression cylinder are spaced apart by a variable distance. An independent claim is also included for a method for producing labels or self-adhesive labels in a printing press.

IPC 8 full level
B41F 5/24 (2006.01); **B41F 13/34** (2006.01); **B41F 13/44** (2006.01); **B41F 19/00** (2006.01); **B41F 23/04** (2006.01)

CPC (source: EP US)
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B41F 23/0403 (2013.01 - EP US); **B41P 2217/11** (2013.01 - EP US)

Citation (search report)

- [E] EP 2006099 A2 20081224 - GALLUS FERD RUEESCH AG [CH]
- [A] EP 0352483 A2 19900131 - BHS BAYERISCHE BERG [DE]
- [A] WO 9836909 A1 19980827 - SAINT ELOI MECANIQUE OUTILLAGE [FR], et al

Cited by
EP3251845A1; ITTO20130033A1; EP2628593A1; EP2388140A3; US9296196B2; WO2017207590A1; WO2013075766A1; WO2014111855A1; EP2103429B1; US9272504B2; EP2945803B1

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

Designated extension state (EPC)
AL BA MK RS

DOCDB simple family (publication)
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DOCDB simple family (application)
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