

Title (en)

Rotary printing press with electron beam dryer

Title (de)

Rotationsdruckmaschine mit Elektronenstrahl trockner

Title (fr)

Presse rotative dotée d'un dispositif de séchage à faisceau d'électrons

Publication

EP 2047992 A3 20100526 (DE)

Application

EP 08166107 A 20081008

Priority

DE 102007048282 A 20071008

Abstract (en)

[origin: EP2047992A2] The press has an electron-emitter with two inertization modules for parallel or serial drying of two printed sides of a web (B1). A set of print units (5, 6) forms columns for the web, where each of the print units is arranged at a distance one above the other in printing towers (3, 4). A dryer (11) e.g. hot-air dryer such as UV dryer, is arranged behind or over one of the printing towers along a way of the web. The dryer is arranged between two print units of the printing tower. The dryer is supported by a printing tower rack that is supported at a print and impression cylinder. Independent claims are also included for the following: (1) a method for producing magazines or newspaper copies (2) a newspaper copy or magazine with sheets in two different print qualities.

IPC 8 full level

B41F 23/04 (2006.01)

CPC (source: EP)

B41F 23/0406 (2013.01); **F26B 3/28** (2013.01); **F26B 13/10** (2013.01)

Citation (search report)

- [X] DE 9306590 U1 19930708
- [XYI] DE 29613047 U1 19970507 - INST OBERFLAECHEMODIFIZIERUNG [DE]
- [X] DE 29517181 U1 19960229 - SAECHSISCHES INST FUER DIE DRU [DE]
- [XY] DE 102006003005 B3 20061123 - KOENIG & BAUER AG [DE]
- [X] DE 202006019980 U1 20070802 - ROLAND MAN DRUCKMASCH [DE]
- [I] US 6178883 B1 20010130 - SATOH MASAYOSHI [JP], et al

Cited by

CN113798134A; DE102015207450A1; WO2019172902A1; WO2016169710A1; US10265971B2; EP3569418A1

Designated contracting state (EPC)

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Designated extension state (EPC)

AL BA MK RS

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