

Title (en)

EXTENDED FUNCTION OF PRINTED MARKS IN DIGITAL PRINT

Title (de)

ERWEITERTE DRUCKMARKENFUNKTION BEIM DIGITALDRUCK

Title (fr)

FONCTION AUGMENTÉE DANS L'USAGE DE MARQUES DANS L'IMPRESSION DIGITALE

Publication

EP 3169492 B1 20190918 (DE)

Application

EP 15749729 A 20150716

Priority

- DE 102014010426 A 20140716
- DE 102014119016 A 20141218
- EP 2015066246 W 20150716

Abstract (en)

[origin: WO2016008969A1] The invention relates to a method for operating a device (1) for producing printed matter, comprising a rolling unit (2) for providing paper to be printed, wherein a printing unit is arranged downstream of the rolling unit (2), which prints the paper, wherein a transverse cutter (4) is arranged downstream of the printing unit, which cuts the endlessly fed printed paper transversely to the feed direction, so that individual printed sheets are provided. According to the invention, a collection unit (5) for collecting the fed sheets is arranged downstream of, in particular, the transverse cutter (4), wherein a feeder unit (6) is arranged downstream of, in particular, the collection unit (5), which aligns the collected sheets, wherein at least one further unit for finishing the printed matter to be produced is arranged downstream of the feeder unit (6), wherein a digital printing unit (3) is used as printing unit, which, per sheet, prints a printing mark on the paper, or wherein a printing mark is present, wherein a reading device detects the information contained in the printing mark. The invention is characterized in that the transverse cutter (4) and the at least one further unit are operated depending on the detected information.

IPC 8 full level

B26D 5/00 (2006.01); **B26D 5/32** (2006.01); **B41J 11/70** (2006.01)

CPC (source: EP)

B26D 5/00 (2013.01); **B26D 5/32** (2013.01); **B41J 11/663** (2013.01); **B42C 1/12** (2013.01); **B65H 29/585** (2013.01); **B65H 29/62** (2013.01); **B65H 31/20** (2013.01); **B65H 31/30** (2013.01); **B65H 39/10** (2013.01); **B65H 43/06** (2013.01); **B41J 11/70** (2013.01); **B65H 2220/01** (2013.01); **B65H 2301/5111** (2013.01); **B65H 2511/10** (2013.01); **B65H 2511/20** (2013.01); **B65H 2511/512** (2013.01); **B65H 2701/12422** (2013.01); **B65H 2801/15** (2013.01)

Citation (opposition)

Opponent : manroland Goss web systems GmbH,

- EP 2090441 A1 20090819 - MUELLER MARTINI HOLDING AG [CH]
- US 5724434 A 19980303 - MYERS DANIEL C [US]
- OFFENKUNDIGE VORBENUTZUNG EINER DIGITALDRUCKMASCHINE MIT NACHVERARBEITUNG BEI ROTO- LITO

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)

DE 102015213328 A1 20160121; EP 3169492 A1 20170524; EP 3169492 B1 20190918; ES 2762815 T3 20200525; WO 2016008969 A1 20160121

DOCDB simple family (application)

DE 102015213328 A 20150716; EP 15749729 A 20150716; EP 2015066246 W 20150716; ES 15749729 T 20150716