

Title (en)
PRODUCTION LINE FOR MANUFACTURING PRINTED PRODUCTS

Title (de)
PRODUKTIONSLINIE ZUR HERSTELLUNG VON DRUCKPRODUKTEN

Title (fr)
LIGNE DE PRODUCTION POUR LA FABRICATION DE PRODUITS D'IMPRESSION

Publication
EP 3134263 A2 20170301 (DE)

Application
EP 15710449 A 20150305

Priority

- DE 102014207835 A 20140425
- DE 102014222314 A 20141031
- EP 2015054590 W 20150305

Abstract (en)

[origin: WO2015161951A2] A device for further processing web- or sheet-type stock comprises a further-processing section, in which stock that is or is to be supplied on the input side can be processed to printed products. The further-processing section comprises, in the guide path of a processing line through which the stock has to run, the following units as the further processing stages: at least one first combining device relative to the stock path, which device can combine one- or multi-layer stock sections to a bundle; a second combining device which can combine the bundles formed by the first combining device to a bundle stack downstream of the first combining device; and a transverse folding device which is arranged functionally downstream of the second combining device and which transversely folds the bundles or bundle stacks relative to the conveying device on the input side when they reach the second combining device. A device for joining several layers in the guide path such that it can join several or all of the stock sections combined in the first combining device to a bundle before they are received by the second combining device is associated with or arranged downstream of the first combining device. During production of the products a combined bundle is stapled before it is combined with one or more other bundles and is then transversely folded. In addition thereto or alternatively, a longitudinal cutting device is provided in the guide path downstream of the transverse folding device.

IPC 8 full level
B41F 13/66 (2006.01); **B41F 13/58** (2006.01); **B41F 13/60** (2006.01); **B42B 4/00** (2006.01); **B42C 1/12** (2006.01); **B65H 37/04** (2006.01); **B65H 45/16** (2006.01)

CPC (source: CN EP US)
B41F 13/58 (2013.01 - CN EP US); **B41F 13/60** (2013.01 - CN EP US); **B41F 13/66** (2013.01 - CN EP US); **B41J 2/01** (2013.01 - US); **B41J 13/0036** (2013.01 - US); **B41J 13/106** (2013.01 - US); **B41J 13/223** (2013.01 - US); **B42B 4/00** (2013.01 - EP US); **B42C 1/12** (2013.01 - EP US); **B65H 37/04** (2013.01 - CN EP US); **B65H 45/162** (2013.01 - CN EP US); **G03G 15/6544** (2013.01 - US); **B65H 2701/18271** (2013.01 - CN); **B65H 2701/19** (2013.01 - CN)

Citation (search report)
See references of WO 2015161951A2

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

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
WO 2015161951 A2 20151029; **WO 2015161951 A3 20151217**; CN 106232512 A 20161214; CN 106232512 B 20180406; EP 3134263 A2 20170301; EP 3134263 B1 20200311; EP 3134263 B2 20230830; US 2017217226 A1 20170803; US 9855772 B2 20180102

DOCDB simple family (application)
EP 2015054590 W 20150305; CN 201580021835 A 20150305; EP 15710449 A 20150305; US 201515306552 A 20150305