

Title (en)  
DEVICE AND METHOD FOR PRODUCING FOLDING BOXES

Title (de)  
VORRICHTUNG UND VERFAHREN ZUM HERSTELLEN VON FALTSCHACHTELN

Title (fr)  
DISPOSITIF ET PROCÉDÉ DE FABRICATION DE BOÎTES PLIANTES

Publication  
**EP 3283284 A1 20180221 (DE)**

Application  
**EP 16719286 A 20160414**

Priority  
• EP 15163514 A 20150414  
• EP 2016058227 W 20160414

Abstract (en)  
[origin: CA2982384A1] The invention relates to a device (10) for producing folding boxes. The device (10) has a processing module (12) for producing at least one blank (16) from a web-shaped packaging material (18), wherein the processing module (12) has a packaging-material-web holding apparatus (20) for supporting the web-shaped packaging material, a packaging-material-web transporting apparatus (22) for transporting the web-shaped packaging material (18), and at least one working apparatus (24), by means of which the at least one blank (16) can be produced from the web-shaped packaging material (18), wherein the working apparatus (24) comprises at least one laser apparatus (26) for ablating packaging material substance. Furthermore, the device (10) has a folding module (14) for folding the at least one blank (16) into a folding box. The invention further relates to a method for producing a folding box.

CPC (source: EP KR US)  
**B23K 26/0006** (2013.01 - US); **B23K 26/38** (2013.01 - US); **B31B 50/00** (2017.07 - EP US); **B31B 50/04** (2017.07 - KR); **B31B 50/10** (2017.07 - EP KR US); **B31B 50/102** (2017.07 - US); **B31B 50/16** (2017.07 - EP KR US); **B31B 50/26** (2017.07 - EP US); **B31B 50/262** (2017.07 - KR); **B31B 50/44** (2017.07 - KR); **B31B 50/624** (2017.07 - US); **B31B 50/04** (2017.07 - EP US); **B31B 2100/00** (2017.07 - EP KR US); **B31B 2100/002** (2017.07 - US)

Citation (search report)  
See references of WO 2016166211A1

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)  
**EP 3081372 A1 20161019**; BR 112017021857 A2 20180710; CA 2982384 A1 20161020; CA 2982384 C 20190820; CL 2017002541 A1 20180420; CN 107635760 A 20180126; EP 3283284 A1 20180221; JP 2018512313 A 20180517; KR 20170137168 A 20171212; MX 2017013162 A 20180706; PH 12017501870 A1 20180226; US 2018133998 A1 20180517; WO 2016166211 A1 20161020

DOCDB simple family (application)  
**EP 15163514 A 20150414**; BR 112017021857 A 20160414; CA 2982384 A 20160414; CL 2017002541 A 20171006; CN 201680027772 A 20160414; EP 16719286 A 20160414; EP 2016058227 W 20160414; JP 2017554259 A 20160414; KR 20177032657 A 20160414; MX 2017013162 A 20160414; PH 12017501870 A 20171013; US 201615566053 A 20160414