

Title (en)
METHOD FOR CONTINUOUSLY PRODUCING A RIGID CORRUGATED-BOARD WEB, AND CORRUGATED-BOARD FORMATS CUT TO SIZE FROM THIS WEB DURING THE PRODUCTION THEREOF, AND CORRUGATED-BOARD MAKING INSTALLATION FOR IMPLEMENTING THE METHOD

Title (de)
VERFAHREN ZUM KONTINUIERLICHEN HERSTELLEN EINER FLÄCHENSTEIFEN WELLPAPPEBAHN UND VON AN DIESER IM ZUGE IHRER HERSTELLUNG ZUGESCHNITTENEN WELLPAPPEFORMATEN SOWIE WELLPAPPEERZEUGUNGSANLAGE ZUM DURCHFÜHREN DES VERFAHRENS

Title (fr)
PROCÉDÉ DE FABRICATION CONTINUE D'UNE BANDE DE CARTON ONDULÉ À SURFACE RIGIDE ET FORMATS DE CARTON ONDULÉ DÉCOUPÉS À PARTIR DE CELLE-CI AU COURS DE SA FABRICATION, AINSI QU'INSTALLATION DE FORMATION DE CARTON ONDULÉ POUR LA RÉALISATION DU PROCÉDÉ

Publication
EP 2555916 B1 20160302 (DE)

Application
EP 11712833 A 20110401

Priority
• DE 102010014430 A 20100403
• EP 2011055145 W 20110401

Abstract (en)
[origin: WO2011121131A1] During its production, a rigid corrugated-board web (2) is cut into corrugated-board formats (3) by at least one longitudinal severing cut (41, 42) and transverse severing cuts (51), a continuous movement of the web being maintained in the process. In addition, corner-shaping cuts (61, 62) are punched in coordination with the at least one longitudinal severing cut (41, 42) and the transverse severing cuts (51), these corner-shaping cuts removing corner material in the form of punched parts (63, 64) and producing at least one shaped edge of the corrugated-board formats (3). The corner-shaping cuts (61, 62), which, in relation to the web width, are punched one after the other in at least one width position, the at least one longitudinal severing cut (41, 42) and the transverse severing cuts (51) are made in alignment with one another. A corrugated-board making installation (1) for implementing the method comprises a corner shaping-cut punching arrangement (6), which produces punched sections in the moving corrugated-board web (2) in order to produce the corner-shaping cuts (61, 62), and synchronizing control means (75, 76) for synchronizing the production of the transverse severing cuts (51) with the production of the corner-shaping cuts (61, 62).

IPC 8 full level
B26D 1/40 (2006.01); **B26F 1/38** (2006.01); **B31B 1/16** (2006.01); **B31B 1/18** (2006.01); **B31B 1/22** (2006.01); **B31B 50/16** (2017.01); **B31B 50/18** (2017.01); **B31B 50/22** (2017.01); **B31F 1/28** (2006.01); **B26D 1/15** (2006.01); **B26D 1/18** (2006.01); **B26D 1/22** (2006.01); **B26D 7/18** (2006.01)

CPC (source: EP US)
B26F 1/384 (2013.01 - EP); **B31F 1/2827** (2013.01 - EP US); **B26D 1/151** (2013.01 - EP); **B26D 1/225** (2013.01 - EP); **B26D 1/405** (2013.01 - EP); **B26D 7/18** (2013.01 - EP); **B31B 50/16** (2017.07 - EP US); **B31B 50/18** (2017.07 - EP US); **B31B 50/20** (2017.07 - EP); **B31B 50/22** (2017.07 - EP)

Cited by
CN108973219A; CN109849423A

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)
WO 2011121131 A1 20111006; DE 102010014430 A1 20111006; EP 2555916 A1 20130213; EP 2555916 B1 20160302

DOCDB simple family (application)
EP 2011055145 W 20110401; DE 102010014430 A 20100403; EP 11712833 A 20110401