

Title (en)  
CORRUGATED BOARD SYSTEM

Title (de)  
WELLPAPPEANLAGE

Title (fr)  
INSTALLATION À ONDULER

Publication  
**EP 3597421 A1 20200122 (DE)**

Application  
**EP 19197146 A 20170328**

Priority  
• DE 102016206016 A 20160412  
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• EP 2017057331 W 20170328

Abstract (en)  
[origin: WO2017178228A1] The invention relates to a corrugator, comprising at least one corrugated board production device (7) for producing at least one corrugated board web (8, 28) which is laminated on one side with a respective corrugated web (14) and a top web (18), a connecting device (42) which is arranged downstream of the at least one corrugated board production device (7) for connecting the at least one corrugated board web (8, 28) which is laminated on one side and a laminating web (6, 34) to one another with the formation of an at least three-layer corrugated board web (4), at least one cutting device (54) for producing corrugated board sheets (58) from the at least three-layer corrugated board web (4), and at least one individual code reading device (77, 78, 79; 94, 98, 102) for reading corrugated board sheet individual codes (5) on at least one of the webs (6, 14, 18, 28, 34) of the at least three-layer corrugated board web (4) and/or on at least one of the webs (6, 8, 14, 18, 28, 34) for forming the at least three-layer corrugated board web (4) and/or on the corrugated board sheets (58).

Abstract (de)  
Die Erfindung betrifft eine Wellpappeanlage, umfassend mindestens eine Wellpappe-Herstellvorrichtung (7) zum Herstellen mindestens einer einseitig kaschierten Wellpappebahn (8, 28), eine der mindestens einen Wellpappe-Herstellvorrichtung (7) nachgeordnete Verbindungsvorrichtung (42) zum Verbinden der mindestens einen einseitig kaschierten Wellpappebahn (8, 28) und einer Kaschierbahn (6, 34) unter Bildung einer mindestens dreilagigen Wellpappebahn (4) miteinander, mindestens eine Schneidevorrichtung (54) zum Erzeugen von Wellpappebögen (58) und mindestens eine Individualcode-Lesevorrichtung (77, 78, 79) zum Lesen von Wellpappebogen-Individualcodes (5) auf mindestens einer der Bahnen (6, 14, 18, 28, 34) der mindestens dreilagigen Wellpappebahn (4) und/oder auf mindestens einer der Bahnen (6, 8, 14, 18, 28, 34) zur Bildung der mindestens dreilagigen Wellpappebahn (4) und/oder auf den Wellpappebögen (58). Eine Wellpappeanlagen-Steuervorrichtung (83) ist im Stande, eine Vorheizvorrichtung (35) zum Vorheizen mindestens einer Bahn (6, 14, 18, 28, 34) zur Bildung der mindestens dreilagigen Wellpappebahn (4) entsprechend dem mindestens einen gelesenen zugehörigen Wellpappebogen-Individualcode (5) individuell anzusteuern.

IPC 8 full level  
**B31F 1/28** (2006.01)

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**B31F 1/2804** (2013.01 - US); **B31F 1/2813** (2013.01 - US); **B31F 1/2818** (2013.01 - US); **B31F 1/2831** (2013.01 - EP US);  
**B31F 1/285** (2013.01 - US)

Citation (applicant)  
• DE 102016206016 A1 20171012 - BHS CORRUGATED MASCHINEN- UND ANLAGENBAU GMBH [DE]  
• DE 102007027879 A1 20090115 - BHS CORR MASCH & ANLAGENBAU [DE]  
• DE 4435212 A1 19950406 - MARQUIP INC [US]  
• DE 4122600 A1 19920109 - ISOWA INDUSTRY CO [JP]  
• DE 10312601 A1 20040930 - BHS CORR MASCH & ANLAGENBAU [DE]  
• DE 102007054193 B4 20100128 - COPERION GMBH [DE]  
• EP 1459878 A2 20040922 - BHS CORR MASCH & ANLAGENBAU [DE]  
• WO 2017051146 A1 20170330 - DS SMITH PACKAGING LTD [GB]  
• DE 102015218321 A1 20170330 - BHS CORRUGATED MASCHINEN- UND ANLAGENBAU GMBH [DE]

Citation (search report)  
[A] EP 1459878 A2 20040922 - BHS CORR MASCH & ANLAGENBAU [DE]

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EP 3603947 A1 20200205; EP 3603947 B1 20211027; EP 3616898 A1 20200304; EP 3616898 B1 20211027; ES 2795034 T3 20201120;  
ES 2887784 T3 20211227; ES 2898397 T3 20220307; ES 2898430 T3 20220307; ES 2898462 T3 20220307; JP 2019513591 A 20190530;  
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