Title (en)

Device for the production of corrugated cardboard with a single flat surface

Title (de)

Vorrichtung zur Herstellung von Wellpappen mit einer ebenen Oberfläche

Title (fr)

Dispositif pour la fabrication de carton ondulé avec une face pleine

Publication

EP 0976540 A3 20010117 (EN)

Application

EP 99202474 A 19990728

Priority

IT MI981780 A 19980730

Abstract (en)

[origin: EP0976540A2] A device for the production of corrugated cardboard with a single flat surface, wherein the marks of the junction lines of the crests of the first permanently corrugated cardboard ribbon (8) with the second flat cardboard ribbon (10) are invisible and the cardboard's mechanical strength within the same is not reduced, in which the corrugating cylinders (2, 3) corrugate and preheat the first cardboard ribbon (7) and overlay it on the flat cardboard ribbon (9). The first contact between the two ribbons occurs on the heating cylinder (4), keeping only the second ribbon in a stretched and heated condition while the first cardboard ribbon is not subjected to any pulling or stretching force capable of altering it. The coupling thus occurs without the application of any direct or indirect pressure during the gluing process, which is the source of the undesired phenomenon. <IMAGE>

IPC 1-7

B31F 1/28

IPC 8 full level

B31F 1/28 (2006.01)

CPC (source: EP)

B31F 1/28 (2013.01)

Citation (search report)

- [X] EP 0850754 A2 19980701 - MARQUIP INC [US]
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- [DA] FR 1538604 A 19680906 - VENTE DE MATERIELS POUR LA FAB
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Cited by

GB2513226A; GB2513226B

Designated contracting state (EPC)

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DOCDB simple family (publication)

EP 0976540 A2 20000202; **EP 0976540 A3 20010117**; **EP 0976540 B1 20050413**; AT E293039 T1 20050415; DE 69924678 D1 20050519; DE 69924678 T2 20060302; ES 2242353 T3 20051101; IT 1301887 B1 20000707; IT MI981780 A0 19980730; IT MI981780 A1 20000130

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EP 99202474 A 19990728; AT 99202474 T 19990728; DE 69924678 T 19990728; ES 99202474 T 19990728; IT MI981780 A 19980730