

## Title (en)

IMPROVED METHOD AND APPARATUS FOR FORMING CORRUGATED BOARD

## Title (de)

VERFAHREN UND VORRICHTUNG ZUR ERZEUGUNG EINES GEWELLTEN BRETTES

## Title (fr)

PROCÉDÉ ET APPAREIL AMÉLIORÉS POUR LA FORMATION DE CARTON ONDULÉ

## Publication

**EP 2552686 A4 20150304 (EN)**

## Application

**EP 11763109 A 20110331**

## Priority

- US 31955510 P 20100331
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## Abstract (en)

[origin: WO2011122968A1] The present invention relates to an apparatus for, and method of, bonding a substantially planar porous sheet material to a porous corrugated sheet material in a continuous process, the apparatus comprising a linear corrugator module (300) comprising a corrugating roller (306); an endless fluted conveyor belt (301) wherein the fluted surface (302) of the conveyor belt intermeshes with the teeth on the corrugating roller; a glue applicator (308); and an endless tensioned belt assembly which holds the planar and corrugated sheets together so a bond is formed between them. The production rate (and therefore the dimensions of the corrugating roll) is governed by the formula  $RP=DHT/BT$ , where RP is the rate of production in metres/minute; DHT is the distance in metres for which the respective sheets are held together; and BT is the bond time of the adhesive in minutes.

## IPC 8 full level

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## Citation (search report)

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## Designated contracting state (EPC)

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## DOCDB simple family (application)

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