

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

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Application

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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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