

Title (en)

METHOD AND DEVICE FOR INTRODUCING SHEETS FOR A MACHINE FOR CONVERTING SHEETS OF CORRUGATED OR MICRO-CORRUGATED BOARD

Title (de)

VERFAHREN UND VORRICHTUNG ZUR EINFÜHRUNG VON BÖGEN FÜR EINE MASCHINE ZUR UMWANDLUNG VON BÖGEN AUS WELL- ODER MIKROWELLKARTON

Title (fr)

PROCÉDÉ ET DISPOSITIF D'INTRODUCTION DE PLAQUES POUR UNE MACHINE DE TRANSFORMATION DE PLAQUES DE CARTON ONDULÉ OU À MICRO-CANNELURE

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Application

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Abstract (en)

[origin: WO2017109062A1] The present invention relates to a method for introducing elements in the form of sheets of corrugated or micro-corrugated board into a conversion machine. According to the invention, a bundle of sheet-form elements (32) is placed on a lift (31) during a deposition phase, the lift bearing the bundle (32) rises progressively during an ascent phase, a vacuum effect is applied to the upper surface of the sheet-form element (35) at the top of the bundle (32) during a pick-up phase and the sheet-form element (35) picked up is transported to the conversion machine during a transport phase. Optionally, the method may comprise a non-stop phase and an unstacking phase. The invention also relates to an introduction device (30) allowing a method according to the invention to be implemented and comprising a lift (31), a vacuum transport device (34) and a controller (33). The device (30) optionally comprises a non-stop device (45) and an unstacking device (50). The invention allows elements in the form of sheets of corrugated or micro-corrugated board to be introduced without damaging the frontal edge or the surface of the board.

IPC 8 full level

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