

Title (en)

METHOD FOR FOLDING A CORRUGATED CARDBOARD BLANK INTENDED TO FORM A FOLDED BOX

Title (de)

VERFAHREN ZUM FALTEN EINES FALTSCHACHTELZUSCHNITTS ZUR BILDUNG EINER FALTSCHACHTEL

Title (fr)

PROCÉDÉ DE PLIAGE D'UNE DÉCOUPE DE CARTON ONDULÉ DESTINÉE À FORMER UNE BOÎTE PLIÉE

Publication

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Application

**EP 20739349 A 20200709**

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Abstract (en)

[origin: WO2021005139A1] The invention relates to a method for folding a corrugated cardboard blank (1) intended to form a folded box, the method comprising the following successive steps: i) supply of a blank (1) comprising at least one longitudinal score (11); ii) application of a liquid to the longitudinal score (11) so as to make the corrugated cardboard more flexible at the location of the longitudinal score (11), the application being performed by means of a liquid application arrangement (130) comprising a liquid-ejecting nozzle (134) provided with a liquid outlet; iii) folding the blank (1) around the longitudinal score (11); wherein liquid suction is carried out within a suction compartment (163) of the liquid application arrangement (130) during step ii). The suction makes it possible to remove any excess liquid which might not have been absorbed by the cardboard and/or the cardboard dust produced.

IPC 8 full level

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