

Title (en)

Folding apparatus and method for setting-up a tray

Title (de)

Faltvorrichtung und Verfahren zum Bilden einer Faltschachtel

Title (fr)

Dispositif et procédé de pliage pour la mise en forme d'un carton

Publication

EP 1470909 A3 20060927 (DE)

Application

EP 04003136 A 20040212

Priority

DE 10318873 A 20030425

Abstract (en)

[origin: EP1470909A2] A method for the automatic production of a cardboard box, or tray, from a flat form with prepared fold lines has the flat form placed onto a prepared recess with some of the tag bent upwards by the action. The stamp (8) presses the flat form into a shaped recess (4) thereby bending up the side panels to form a tray. The stamp is retracted and the tops of the end panels are bent inwards to press into the final position using a wider stamp obtained by a wider spacing of the two parts of the stamp. The process can be used for most types of cardboard including multi layer corrugated.

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

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Designated contracting state (EPC)

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EP 1470909 A2 20041027; **EP 1470909 A3 20060927**; **EP 1470909 B1 20080827**; DE 10318873 A1 20041125; DE 10318873 B4 20071115; DE 502004007935 D1 20081009; ES 2312869 T3 20090301

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