

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 B1 20080827 (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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**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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