

Title (en)

A cardboard box with closing flaps for semi-automatic closing.

Title (de)

Kartonbehälter mit Verschlussklappen für einen halbautomatischen Verschluss.

Title (fr)

Boîte en carton comportant des volets de fermeture pour une fermeture semi-automatique.

Publication

EP 0178702 A2 19860423 (EN)

Application

EP 85201473 A 19850913

Priority

DK 438284 A 19840914

Abstract (en)

For manual packing of various objects is used a box member which is erected to form a rectangular tube having at both ends four closing flaps, of which first two side flaps (2) are folded in for closing the box end, whereafter a third flap (4) and finally a fourth flap (6) are folded in, the fourth flap (6) being glued to the outside of the third flap (4). The folding in and the glueing of the third and fourth flap may be effected by a simple apparatus, which, however, requires the two side flaps (2) to be entirely folded in. In practice it has been necessary, therefore, to manually hold and guide the boxes during their introduction into the closing apparatus. The invention provides for a special corner connection (8) between the respective two side flaps and the said third flap, whereby the third flap (4) will act as an arresting member for the folded in side flaps (2), such that these flaps are prevented from leaving their folded in positions, while the third flap (4), upon a temporary outward folding during the folding in of the side flaps (2), will reassume its normal position for final closing in the closing apparatus.

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