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(54) **A cardboard box with closing flaps for semi-automatic closing.**

(57) 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.

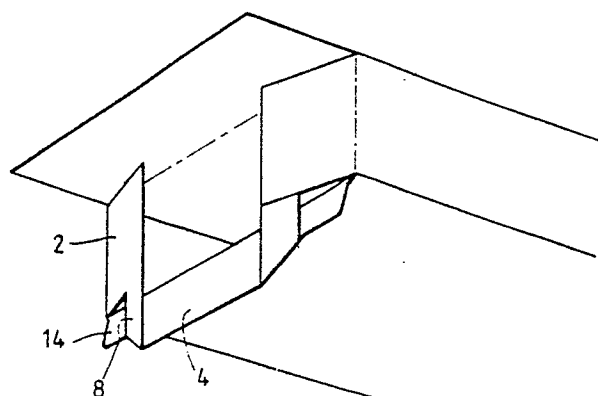


Fig. 3

**EP 0 178 702 A3**



EP 85 20 1473

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl. 4)
A	US-A-3 529 763 (WAGNER) * Column 3, lines 10-46; figure 1 *	1	B 65 D 5/02
A	--- NL-B- 58 535 (KOENDERS) * Figure 1 * -----	1	
			TECHNICAL FIELDS SEARCHED (Int. Cl. 4)
			B 65 D
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 07-08-1987	Examiner LORENZ
<b>CATEGORY OF CITED DOCUMENTS</b>			
X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document			
T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			