

Title (en)

Carton closing apparatus and method.

Title (de)

Gerät zum Verschliessen von Schachteln und Verfahren.

Title (fr)

Appareil pour fermer des cartons et procédé.

Publication

EP 0378435 A1 19900718 (EN)

Application

EP 90300364 A 19900112

Priority

GB 8900668 A 19890112

Abstract (en)

A tray-like carton for a food product has a hinged lid held closed by attachment to outturned flange panels carried by the carton side wall. The attachment is effected by means of a fusible polymeric protective coating on the inside surface of the carton. The carton is closed and sealed whilst passing along a conveyor with the lid disposed on one side of the carton path. The lid is ploughed back, after which the leading flange panel of the carton is folded forward under a static hold-down plate, the hold-down plate subsequently serving to fold back and hold the trailing flange panel. The fold-down plate also serves to fold out the third flange panel by means of a camming member on its undersurface. After the three flange panels (22) have been turned out the lid (12) is ploughed closed and into engagement with them. Heat sealing of the overlapping surfaces is then effected by heat and pressure, firstly for the third flange panel and then, after the carton has been turned through 90 DEG , for the leading and trailing flange panels simultaneously.

IPC 1-7

B65B 7/26

IPC 8 full level

B65B 7/26 (2006.01)

CPC (source: EP)

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Citation (search report)

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