

Title (en)
Apparatus for closing boxes.

Title (de)
Vorrichtung zum Verschliessen von Schachteln.

Title (fr)
Appareil pour fermer des boîtes.

Publication
EP 0005888 A1 19791212 (EN)

Application
EP 79200270 A 19790601

Priority
NL 7806139 A 19780606

Abstract (en)
Apparatus and method for closing boxes, and a box closed by the apparatus and method, comprising a conveyor for bringing a box in a centralised position between two vertically arranged transport belts (29) which can be moved toward each other to engage the side walls of the box, the four top flaps of which are open, whereafter said transport belts move the box to a bridge (33), the height of which is adjustable and which is provided with a sensing member (34) which on the engagement thereof with the fore wall of the box when the bridge is in its lowest position operates means to cause raising of said bridge until said sensing member comes into engagement with the fore wall flap, which flap is closed by further movement of the box, the bridge being provided with a pivotably mounted arm (64) carrying a rotatable wing (73) for closing the rear flap, with fixed arms (46) for raising the side flaps and with pivoting arms carrying closing members which can be moved downward at an oblique angle toward the centre of the upper surface of the box for closing the side flaps.

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CPC (source: EP)
B65B 7/20 (2013.01); **B65B 51/067** (2013.01)

Citation (search report)
• CH 350594 A 19601130 - MINNESOTA MINING & MFG [US]
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• US 3282018 A 19661101 - GEORGE BIXLEY FREDERICK VICTOR

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