

Title (en)  
Closing station for cartons

Title (de)  
Schliessstation für Faltschachteln

Title (fr)  
Poste de fermeture de cartons

Publication  
**EP 1524103 A3 20051109 (DE)**

Application  
**EP 04015731 A 20040703**

Priority  
DE 10347520 A 20031013

Abstract (en)  
[origin: EP1524103A2] Closing station for closing a glue flap (3) and a closing flap (4) arranged on one side of an open folding box (2) comprises elements for folding and applying glue onto the glue flap and elements for folding and pressing the closing flap onto the glue flap. The elements for folding and pressing the closing flap onto the glue flap consist of a closing lever (5) whose free end (6) that comes into contact with the closing flap can be adjusted between an upper point and a lower point between which the free end runs on a trajectory corresponding to a sinusoidal curve between 0 and 90[deg]. Preferred Features: The free end is rounded. The width of the free end corresponds to the width of the closing flap.

IPC 1-7  
**B31B 5/74**; **B31B 1/62**

IPC 8 full level  
**B31B 5/74** (2006.01); **B31B 50/62** (2017.01)

CPC (source: EP US)  
**B31B 50/00** (2017.07 - EP US); **B31B 50/0042** (2017.07 - EP US); **B65B 7/20** (2013.01 - EP US); **B65B 51/02** (2013.01 - EP US)

Citation (search report)  
• [A] DE 19918940 A1 20001102 - UHLMANN PAC SYSTEME GMBH & CO [DE]  
• [A] US 3442063 A 19690506 - MARTIN PAUL A  
• [A] US 5369933 A 19941206 - WALDSTAEDT MANFRED [DE]  
• [A] EP 0576404 A1 19931229 - AMRP HANDELS AG [CH]

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)  
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**EP 04015731 A 20040703**; AT 04015731 T 20040703; DE 10347520 A 20031013; DE 502004001398 T 20040703; US 96298304 A 20041012