

Title (en)  
METHOD AND DEVICE FOR ERECTING AND CLOSING A FOLDING BOX

Publication  
**EP 0254908 B1 19910508 (DE)**

Application  
**EP 87109644 A 19870704**

Priority  
DE 3623354 A 19860711

Abstract (en)  
[origin: US4815254A] A process and an apparatus for erecting and closing a folding carton made from a one-piece board blank consisting of base, side and top panels connected by folding lines. The board blank is transported with its base panel (5) facing downwards through a device in which the side and top panels (7,9) are folded upwards and on top of each other. A fixed tongue (12) which is fastened at one end from above and is located inside the sleeve-shaped folding carton once the top panels have been folded into position, is provided to support the top panels (9). The transport unit has supports (14) which move with it, engage the underneath of the tongue and give it support against downward pressure.

IPC 1-7  
**B65B 5/02**

IPC 8 full level  
**B65B 5/02** (2006.01)

CPC (source: EP US)  
**B65B 5/024** (2013.01 - EP US)

Designated contracting state (EPC)  
AT BE CH DE ES FR GB GR IT LI NL SE

DOCDB simple family (publication)  
**EP 0254908 A2 19880203; EP 0254908 A3 19881130; EP 0254908 B1 19910508**; AT E63273 T1 19910515; DE 3623354 C1 19880211; DE 3769875 D1 19910613; ES 2022216 B3 19911201; GR 3002437 T3 19921230; US 4815254 A 19890328

DOCDB simple family (application)  
**EP 87109644 A 19870704**; AT 87109644 T 19870704; DE 3623354 A 19860711; DE 3769875 T 19870704; ES 87109644 T 19870704; GR 910401137 T 19910807; US 6998887 A 19870706