

Title (en)  
Folding hook

Title (de)  
Aufreissshaken

Title (fr)  
Crochet de pliage

Publication  
**EP 1591231 B1 20070103 (DE)**

Application  
**EP 05102657 A 20050405**

Priority  
DE 102004021331 A 20040430

Abstract (en)  
[origin: EP1591231A1] A rotatable catch hook (15) is mounted about an axis to initiate the leading fold in a product. A restoring device has an elastic element (14) which is connected to the catch hook via a rolling belt (13). An independent claim is also included for a folding box gluing machine.

IPC 8 full level  
**B31B 50/28** (2017.01); **B31B 50/36** (2017.01); **B31B 50/54** (2017.01); **F16F 7/00** (2006.01)

CPC (source: EP US)  
**B31B 50/00** (2017.07 - EP US); **B31B 50/52** (2017.07 - EP US); **B31B 50/262** (2017.07 - EP US); **B31B 50/54** (2017.07 - EP US)

Designated contracting state (EPC)  
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DOCDB simple family (publication)  
**EP 1591231 A1 20051102; EP 1591231 B1 20070103**; AT E350212 T1 20070115; CN 100542793 C 20090923; CN 1693055 A 20051109; DE 102004021331 A1 20051124; DE 502005000274 D1 20070215; ES 2280067 T3 20070901; HK 1083801 A1 20060714; JP 2005319791 A 20051117; JP 4638272 B2 20110223; US 2005245375 A1 20051103; US 7179216 B2 20070220

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