

Title (en)  
Nickbreaker

Title (de)  
Nickbreaker

Title (fr)  
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Publication  
**EP 1961526 A1 20080827 (DE)**

Application  
**EP 08100517 A 20080116**

Priority  
DE 102007008258 A 20070220

Abstract (en)  
The device has a right-angled shaft pivotably supported on sides of a flat path in a housing. The shaft is formed with die holder elements (19) i.e. thread screws, as square profile shafts (17), where a stripping tool (20) is fastened to the die holder elements. The die holder elements are arranged in drillings (21) by the square profile shafts. A thread shaft (25) of each die holder element is longer than the cross section of each square profile shaft. The stripping tool is provided at an end of the drillings.

Abstract (de)  
Die Erfindung betrifft eine Vorrichtung zum Durchbrechen von Stegen, die entlang einer Schnittlinie die benachbarten Kanten eines Faltschachtelzuschnittes zusammenhalten. Die Vorrichtung besteht aus einer sich rechtwinklig zur Beförderungsbahn erstreckenden Vierkantprofilwelle, die drehbar im Gehäuse gelagert ist. Die Vierkantprofilwelle weist Werkzeugaufnahmeelemente auf, an denen Ausbrechwerkzeuge befestigt werden können.

IPC 8 full level  
**B26D 7/18** (2006.01); **B26F 3/00** (2006.01); **B31B 1/74** (2006.01); **B31B 50/22** (2017.01); **B65H 35/10** (2006.01)

CPC (source: EP)  
**B26D 7/1818** (2013.01); **B26F 3/002** (2013.01); **B65H 35/10** (2013.01); **B26D 7/18** (2013.01); **B26D 2007/1872** (2013.01); **B26D 2007/189** (2013.01); **B31B 50/006** (2017.07); **B31B 50/20** (2017.07)

Citation (applicant)  
• EP 1138454 B1 20051130 - BOBST SA [CH]  
• EP 0942813 B1 20020327 - ROWAPACK GMBH VERPACKUNGSDESIG [DE]

Citation (search report)  
• [DY] EP 1138454 A2 20011004 - BOBST SA [CH]  
• [Y] US 4026199 A 19770531 - ADAMS DAVID, et al  
• [A] US 3807610 A 19740430 - MUELLER A

Cited by  
EP2407286A3; EP3476583A4; EP2407286A2; DE102010027120A1

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)  
AL BA MK RS

DOCDB simple family (publication)  
**EP 1961526 A1 20080827**; **EP 1961526 B1 20110406**; AT E504409 T1 20110415; CN 101293407 A 20081029; CN 101293407 B 20110720; DE 102007008258 A1 20080821; DE 502008003061 D1 20110519; ES 2362550 T3 20110707

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**EP 08100517 A 20080116**; AT 08100517 T 20080116; CN 200810081222 A 20080220; DE 102007008258 A 20070220; DE 502008003061 T 20080116; ES 08100517 T 20080116