

Title (en)  
DEVICE FOR RUPTURING ATTACHMENT ZONES ON FOLDING BOXES AND PRODUCTION UNIT COMPRISING SUCH A RUPTURE DEVICE

Title (de)  
VORRICHTUNG ZUM BRUCH VON BEFESTIGUNGSZONEN AUF FALTSCHACHTELN UND PRODUKTIONSEINHEIT MIT SOLCH EINER BRUCHVORRICHTUNG

Title (fr)  
DISPOSITIF DE RUPTURE DE ZONES D'ATTACHE SUR DES BOITES PLIABLES ET INSTALLATION DE FABRICATION COMPRENANT UN TEL DISPOSITIF DE RUPTURE

Publication  
**EP 3445549 A1 20190227 (FR)**

Application  
**EP 17716795 A 20170405**

Priority  
• FR 1653390 A 20160418  
• EP 2017025078 W 20170405

Abstract (en)  
[origin: WO2017182137A1] The invention relates to a rupture device (1) comprising: an upper pressure member (2); a support part (4) for supporting the stack, said support part including multiple conveyor members (10) for conveying the stack in a conveying direction (X); and a lower pressure member (6) arranged below the conveyor members (10). The conveyor members (10) are adjacent to one another in a transverse direction (Y). Two adjacent conveyor members (10) can be moved apart from one another. The lower pressure member (6) comprises: i) two lower adjacent plates (6.1, 6.2) which can be moved apart from one another, and ii) a lower linear-movement actuator (6.3) for moving the lower plates (6.1, 6.2) so as to align the rupture slit (2.0) with a rupture line.

IPC 8 full level  
**B26D 7/06** (2006.01); **B26D 7/18** (2006.01); **B26F 3/02** (2006.01)

CPC (source: EP KR US)  
**B26D 5/26** (2013.01 - KR); **B26D 7/015** (2013.01 - KR); **B26D 7/0625** (2013.01 - EP KR US); **B26D 7/18** (2013.01 - EP KR US); **B26F 3/02** (2013.01 - EP US); **B31B 50/002** (2017.07 - US); **B31B 50/006** (2017.07 - US); **B31B 50/042** (2017.07 - US); **B31B 50/06** (2017.07 - US); **B31B 2110/35** (2017.07 - US); **B31B 2120/302** (2017.07 - US)

Citation (search report)  
See references of WO 2017182137A1

Cited by  
WO2023025810A1

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

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
**FR 3050134 A1 20171020; FR 3050134 B1 20180420**; CN 109070378 A 20181221; CN 109070378 B 20210406; EP 3445549 A1 20190227; EP 3445549 B1 20200603; ES 2805075 T3 20210210; JP 2019517925 A 20190627; JP 6683837 B2 20200422; KR 102173850 B1 20201106; KR 20180132867 A 20181212; TW 201803710 A 20180201; TW I647079 B 20190111; US 11426964 B2 20220830; US 2019111648 A1 20190418; WO 2017182137 A1 20171026

DOCDB simple family (application)  
**FR 1653390 A 20160418**; CN 201780024384 A 20170405; EP 17716795 A 20170405; EP 2017025078 W 20170405; ES 17716795 T 20170405; JP 2018554668 A 20170405; KR 20187032740 A 20170405; TW 106110128 A 20170327; US 201716094009 A 20170405