

Title (en)

SYSTEM AND METHOD FOR RUPTURING ENCAPSULATED ADHESIVE IN SHEET MEDIA

Title (de)

SYSTEM UND VERFAHREN ZUM AUFBRECHEN VON VERKAPSELTEM KLEBSTOFF IN FLÄCHENGEBILDEN

Title (fr)

SYSTEME ET PROCEDE DE RUPTURE D'UNE COLLE ENCAPSULEE DANS DES SUPPORTS EN FEUILLE

Publication

EP 1372961 A4 20050202 (EN)

Application

EP 02709863 A 20020320

Priority

- US 0208534 W 20020320
- US 81632101 A 20010326
- US 9786902 A 20020315

Abstract (en)

[origin: WO02076736A1] A system and method for rupturing an encapsulated adhesive in a, sheet media (12) uses an activator unit (24). This unit can include one or more of the following: a pressure roller (52), a pair of pressure rollers (26), an activator blade (28), a set of rotatable discs (66) or a series of sets of rotatable discs. A sheet media having an encapsulated adhesive is fed past the activator unit in the system and method whereby the capsules will be ruptured. A feeder (22), label printer (16), cutter (36) and label applicator (38) can also be provided in this system.

IPC 1-7

B32B 31/12; **B32B 35/00**; **B65C 9/20**; **B65C 11/02**

IPC 8 full level

B65H 35/06 (2006.01); **B05D 7/24** (2006.01); **B65C 9/20** (2006.01); **B65C 11/02** (2006.01); **B65H 37/02** (2006.01)

IPC 8 main group level

B32B (2006.01)

CPC (source: EP)

B65C 9/22 (2013.01); **B65H 20/02** (2013.01); **B65H 35/0086** (2013.01); **B65H 2301/51122** (2013.01); **B65H 2801/75** (2013.01)

Citation (search report)

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- [Y] WO 9802309 A1 19980122 - B & H MFG CO INC [US], et al
- [Y] US 5008133 A 19910416 - HERBET ALBERT J [US], et al
- [PX] EP 1151923 A1 20011107 - TOWA SEIKO CO LTD [JP]
- See references of WO 02076736A1

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DE102010039339A1

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WO 02076736 A1 20021003; AU 2002244320 B2 20060914; BR 0205840 A 20040217; BR 0205840 B1 20120306; CA 2428089 A1 20021003; CA 2428089 C 20100706; CN 1212927 C 20050803; CN 1466521 A 20040107; EP 1372961 A1 20040102; EP 1372961 A4 20050202; EP 1372961 B1 20070919; IL 155003 A0 20031031; IL 155003 A 20061231; JP 2005515133 A 20050526; MX PA03008757 A 20040218

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