

Title (en)

Device for severing a running web

Title (de)

Vorrichtung zum Durchtrennen einer laufenden Warenbahn

Title (fr)

Dispositif pour couper une bande en déplacement

Publication

EP 0802138 A3 19980513 (DE)

Application

EP 97105845 A 19970409

Priority

DE 19615370 A 19960419

Abstract (en)

[origin: EP0802138A2] The device includes a movable knife (12), whereby the blade (13) of the knife is arranged underneath the product path (3) in a space between the product path and a pressure roll (4) in a slight distance to a crack (5) formed by the pressure roll and a cylinder (1). The knife is provided with an activation device which includes at least one pulse exchange device (11). The pulse exchange device is preferably a mechanical pulse generator (26, 27), where the pulse transmission results through a push body mass.

IPC 1-7

B65H 19/20; **B26D 5/08**; **B26D 1/34**

IPC 8 full level

B26D 1/34 (2006.01); **B26D 5/08** (2006.01); **B26D 5/12** (2006.01); **B65H 19/20** (2006.01)

CPC (source: EP KR US)

B26D 1/34 (2013.01 - EP KR US); **B26D 5/08** (2013.01 - EP KR US); **B26D 5/12** (2013.01 - EP KR US); **B65H 19/20** (2013.01 - EP KR US); **Y10S 83/949** (2013.01 - EP KR US); **Y10T 83/6582** (2015.04 - EP US); **Y10T 83/6635** (2015.04 - EP US); **Y10T 83/8804** (2015.04 - EP US); **Y10T 83/896** (2015.04 - EP US)

Citation (search report)

- [DA] DE 3815277 A1 19890112 - VOITH GMBH J M [DE]
- [DA] DE 9413363 U1 19941103 - VOITH GMBH J M [DE]
- [A] US 4907014 A 19900306 - TZENG PAUL S [US], et al
- [A] FR 2306052 A1 19761029 - BALLE ERIK [FR]

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US7250440B2

Designated contracting state (EPC)

DE FI FR IT SE

DOCDB simple family (publication)

EP 0802138 A2 19971022; **EP 0802138 A3 19980513**; **EP 0802138 B1 20011024**; CN 1171323 A 19980128; DE 19615370 A1 19971023; DE 59705026 D1 20011129; ID 17638 A 19980115; KR 970070334 A 19971107; US 6173636 B1 20010116

DOCDB simple family (application)

EP 97105845 A 19970409; CN 97110961 A 19970419; DE 19615370 A 19960419; DE 59705026 T 19970409; ID 971288 A 19970417; KR 19970014105 A 19970417; US 83814797 A 19970415