

Title (en)
Cross cutter.

Title (de)
Querschneider.

Title (fr)
Dispositif à coupe transversale.

Publication
EP 0263359 A1 19880413 (DE)

Application
EP 87113899 A 19870923

Priority
DE 3634198 A 19861008

Abstract (en)
[origin: US4756219A] Cross-cutter for cutting web material, in particular corrugated cardboard, comprising a pair of knife shafts which are tubularly supported for rotation on a core secured in the machine frame and commonly driven by a drive means, the knives temporarily contacting each other during the cutting operation under bias, if necessary, at least one end of at least one core having associated therewith a power unit which produces a flexural moment at the core such that the knives abut against each other under bias during the contact.

Abstract (de)
Querschneider zum Schneiden von bahnartigem Material, insbesondere Wellpappe, mit einem Paar Messerwellen (15, 16), die rohrartig auf einem im Maschinengestell befestigten Kern (11, 12) drehbar gelagert und mittels einer Antriebseinrichtung gemeinsam angetrieben sind, wobei sich die Messer (19, 20) während des Schneidvorgangs gegebenenfalls unter Vorspannung kurzzeitig berühren, wobei mindestens einem Ende mindestens eines Kerns (11, 12) eine Krafteinheit (25) zugeordnet ist, die ein Biegemoment am Kern (11, 12) erzeugt derart, daß die Messer (19, 20) während der Berührung unter Vorspannung gegeneinander anliegen.

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B26D 1/40

IPC 8 full level
B26D 1/40 (2006.01); **B26D 1/62** (2006.01); **B26D 7/14** (2006.01); **B26D 7/26** (2006.01)

CPC (source: EP US)
B26D 1/626 (2013.01 - EP US); **B26D 7/14** (2013.01 - EP US); **B26D 7/2628** (2013.01 - EP US); **B26D 7/265** (2013.01 - EP US); **Y10T 83/4827** (2015.04 - EP US); **Y10T 83/4833** (2015.04 - EP US); **Y10T 83/4836** (2015.04 - EP US)

Citation (search report)
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Designated contracting state (EPC)
DE ES FR GB IT NL

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EP 0263359 A1 19880413; **EP 0263359 B1 19910515**; DE 3634198 A1 19880421; DE 3634198 C2 19881013; DE 3770106 D1 19910620; ES 2022249 B3 19911201; JP S63245391 A 19881012; US 4756219 A 19880712

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EP 87113899 A 19870923; DE 3634198 A 19861008; DE 3770106 T 19870923; ES 87113899 T 19870923; JP 25229287 A 19871005; US 10540887 A 19871005