

Title (en)

DEVICE FOR CROSS-CUTTING WEBS OF FABRIC, ESPECIALLY PAPER OR CARDBOARD

Title (de)

VORRICHTUNG ZUM QUERSCHNEIDEN VON MATERIALBAHNEN, INSBESONDERE PAPIER-ODER KARTONBAHNEN

Title (fr)

DISPOSITIF DE COUPE TRANSVERSALE DE BANDES DE MATERIAU, EN PARTICULIER DE BANDES DE PAPIER OU DE CARTON

Publication

EP 1421023 A1 20040526 (DE)

Application

EP 02762399 A 20020726

Priority

- DE 10139405 A 20010817
- EP 0208315 W 20020726

Abstract (en)

[origin: WO03016187A1] Devices for cross-cutting paper or cardboard (1) containing a cross-cutting device (3) with two cutting drums (8, 9) which are equipped with cross cutters are already known per se. A sheet transport device (4) is arranged behind the cross-cutting device (3), containing a braking device with a braking cylinder (19). In order to prevent marks on delicate paper or types of cardboard on said sheets, the inventive braking cylinder (1) comprises a cylindrical base body (20) which is secured to the blade-type elements (22), said blade-type elements being made of an elastic material and protruding in a radial manner with ample distance between each other, ending in a cylindrical enveloping surface which is coaxial in relation to the base body (20).

IPC 1-7

B65H 29/68

IPC 8 full level

B65H 5/06 (2006.01); **B65H 29/68** (2006.01); **B65H 35/08** (2006.01)

CPC (source: EP US)

B65H 29/6627 (2013.01 - EP US); **B65H 29/68** (2013.01 - EP US); **B65H 2301/5151** (2013.01 - EP US); **B65H 2404/1114** (2013.01 - EP US); **B65H 2404/1122** (2013.01 - EP US); **B65H 2404/56** (2013.01 - EP US); **B65H 2404/563** (2013.01 - EP US); **B65H 2701/1764** (2013.01 - EP US); **Y10T 83/647** (2015.04 - EP US); **Y10T 83/664** (2015.04 - EP US); **Y10T 83/768** (2015.04 - EP US)

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LI LU MC NL PT SE SK TR

DOCDB simple family (publication)

WO 03016187 A1 20030227; AT E334095 T1 20060815; DE 10139405 A1 20030227; DE 50207659 D1 20060907; EP 1421023 A1 20040526; EP 1421023 B1 20060726; JP 2005500225 A 20050106; US 2004255747 A1 20041223

DOCDB simple family (application)

EP 0208315 W 20020726; AT 02762399 T 20020726; DE 10139405 A 20010817; DE 50207659 T 20020726; EP 02762399 A 20020726; JP 2003521126 A 20020726; US 48717504 A 20040809