

Title (en)

Method and apparatus for cutting and/or scoring flat adjacent elements

Title (de)

Verfahren sowie Vorrichtung zum Rillen und/oder Schneiden von flachförmigen benachbarten Elementen

Title (fr)

Procédé de découpage/refoulage d'éléments plats adjacents et dispositif pour sa mise en oeuvre.

Publication

EP 1060850 B1 20090401 (FR)

Application

EP 00108633 A 20000420

Priority

CH 114299 A 19990618

Abstract (en)

[origin: EP1060850A2] Procedure consists of passing material strip (1) between two cutting cylinders of rotating cutter to obtain rows of adjacent elements (3a-5n) having cutting edge/pushing back line (3'-5') which extends from one end to other of strip. Offset (k) in direction of movement of strip is created along respective cutting edge/pushing back line so it does not coincide with any generating line of cylinders. An Independent claim is also included for an apparatus to produce the adjacent elements following the procedure.

IPC 8 full level

B26D 3/08 (2006.01); **B26F 1/44** (2006.01); **B26F 1/00** (2006.01); **B26F 1/38** (2006.01); **B31B 5/00** (2006.01); **B31F 1/00** (2006.01)

CPC (source: EP KR US)

B26F 1/384 (2013.01 - EP KR US); **B31B 50/14** (2017.08 - KR); **B31F 1/0025** (2013.01 - EP KR US); **B31B 2120/30** (2017.08 - KR);
Y10T 83/0385 (2015.04 - EP US); **Y10T 83/0515** (2015.04 - EP US); **Y10T 83/06** (2015.04 - EP US)

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

EP 1060850 A2 20001220; EP 1060850 A3 20040107; EP 1060850 B1 20090401; AT E427194 T1 20090415; AU 4084600 A 20001221;
AU 772091 B2 20040408; BR 0002692 A 20010130; CA 2308611 A1 20001218; CA 2308611 C 20040810; CH 693263 A5 20030515;
CN 1201906 C 20050518; CN 1277910 A 20001227; DE 60041900 D1 20090514; JP 2001018195 A 20010123; JP 3103981 U 20040826;
KR 100374676 B1 20030304; KR 20010049372 A 20010615; TW 477737 B 20020301; US 6412378 B1 20020702

DOCDB simple family (application)

EP 00108633 A 20000420; AT 00108633 T 20000420; AU 4084600 A 20000614; BR 0002692 A 20000619; CA 2308611 A 20000516;
CH 114299 A 19990618; CN 00107455 A 20000516; DE 60041900 T 20000420; JP 2000182515 A 20000619; JP 2004001240 U 20040312;
KR 20000026873 A 20000519; TW 89107336 A 20000419; US 56725800 A 20000509