

Title (en)

Apparatus for cutting sheet material having one or more layers.

Title (de)

Vorrichtung zum Schneiden von Bandmaterial, das aus einer oder mehreren Schichten besteht.

Title (fr)

Appareil pour couper un matériau en feuilles ayant une plusieurs couches.

Publication

**EP 0202676 A2 19861126 (EN)**

Application

**EP 86106923 A 19860521**

Priority

ES 543394 A 19850522

Abstract (en)

Procedure and device for cutting pieces of material to order, from a band of material, by using a cutting table equipped with a vacuum installation for holding the band of material in place and a workable, longitudinal and traverse slide on the cutting table, running along the desired cutting lines, which is controlled by a data processor for marking and data control, as the carrier of a cutting tool driven by ultrasound, for the purpose of which a conveyor belt with a base similar to a brush serves as the means of transport for the band of material in the cutting area and as a cutting base, which is moved, step by step, by means of a slide range that, for the finished cut of a piece of material, is larger than the cutting tool's most ample movement in the longitudinal direction (X), for which purpose, the cutting tool in each case only moved following the transportation phase, with the conveyor belt being stationary all along the cutting lines.

IPC 1-7

**B26F 1/38**

IPC 8 full level

**D06H 7/00** (2006.01); **B26D 5/00** (2006.01); **B26D 7/01** (2006.01); **B26F 1/38** (2006.01)

CPC (source: EP)

**B26D 7/018** (2013.01); **B26D 7/086** (2013.01); **B26F 1/3813** (2013.01)

Cited by

CN110000842A; US7588438B2; EP0352719A1; EP1525961A1; CN101775740A; EP1151834A3; CN110016797A; EP1579966A1; EP3587058A1; EP0839615A1; CN104294575A

Designated contracting state (EPC)

AT BE CH DE FR GB IT LI LU NL SE

DOCDB simple family (publication)

**EP 0202676 A2 19861126**; **EP 0202676 A3 19870826**; **EP 0202676 B1 19910130**; AT E60536 T1 19910215; CA 1278506 C 19910102; DE 3530886 A1 19861127; DE 3677255 D1 19910307; DK 164086 B 19920511; DK 164086 C 19921012; DK 224586 A 19861123; DK 224586 D0 19860514; ES 543394 A0 19870701; ES 8706339 A1 19870701; FI 82812 B 19910115; FI 82812 C 19910425; FI 861976 A0 19860512; FI 861976 A 19861123; IE 57384 B1 19920812; IE 861346 L 19861122; JP S6219397 A 19870128

DOCDB simple family (application)

**EP 86106923 A 19860521**; AT 86106923 T 19860521; CA 508715 A 19860508; DE 3530886 A 19850829; DE 3677255 T 19860521; DK 224586 A 19860514; ES 543394 A 19850522; FI 861976 A 19860512; IE 134686 A 19860521; JP 11898686 A 19860522