

Title (en)

Process and device for production of cushioning material and the cushioning material so produced

Title (de)

Verfahren und Vorrichtung zur Herstellung von Polstermaterial sowie Polstermaterial

Title (fr)

Procedé et dispositif pour la fabrication de matériaux de rembourrage et matériaux ainsi produits

Publication

**EP 1022123 B1 20050504 (DE)**

Application

**EP 00101066 A 20000120**

Priority

- DE 19902227 A 19990121
- DE 19911628 A 19990316

Abstract (en)

[origin: EP1022123A2] The method is carried out in steps: The flat material is partly cut through in such a manner, that transversely lying adjacent strip sections in the region of connecting sections spaced at a distance to each other longitudinally, remain connected with each other. The strip sections (65,66) are deformed between connecting sections (67) at right angles to a neutral surface of the flat material in such a way. The strip sections adjacent transversely (69), are deflected in opposing directions.

IPC 1-7

**B31D 5/00**

IPC 8 full level

**B31D 5/00** (2006.01)

CPC (source: EP US)

**B31D 5/0065** (2013.01 - EP US); **B31D 2205/0082** (2013.01 - EP US); **B31D 2205/0088** (2013.01 - 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 1022123 A2 20000726; EP 1022123 A3 20020529; EP 1022123 B1 20050504**; AT E294698 T1 20050515; CN 100398311 C 20080702; CN 1268473 A 20001004; DE 50010197 D1 20050609; ES 2243150 T3 20051201; US 6419867 B1 20020716

DOCDB simple family (application)

**EP 00101066 A 20000120**; AT 00101066 T 20000120; CN 00104694 A 20000121; DE 50010197 T 20000120; ES 00101066 T 20000120; US 48940600 A 20000121