

Title (en)
Structured material web made from a web material and method of making

Title (de)
Strukturierte Materialbahn aus einem Bahnwerkstoff und Verfahren zum Herstellen

Title (fr)
Bande de matériau structurée faite d'une bande de matériau et méthode de fabrication

Publication
EP 1728936 A2 20061206 (DE)

Application
EP 06010983 A 20060529

Priority

- DE 102005025620 A 20050603
- DE 102005041516 A 20050901

Abstract (en)
The material sheet (100) has a flat and three-dimensional rough structuring (102,103) which acts as a strengthener and the section adjoining the rough structuring has fine structuring (105) with finely structured elements whose dimensions are smaller than those of the rough structured elements. An area of fine structuring can be provided around the edges. The fine structuring can be undulating, beaded, folded or have a diamond, hexagonal, rhomboid or other structure. The sheet material can be made from metal, plastics, paper or cardboard, fibre webbing for example. Independent claim describes method for making structured material sheet by incorporating rough structured elements and smaller dimensioned fine structured elements.

IPC 8 full level
E04C 2/32 (2006.01)

CPC (source: EP)
E04C 2/32 (2013.01)

Citation (applicant)

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- DE 19856236 A1 20000615 - MIRTSCH GMBH DR [DE]
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- F. MIRTSCH: "Cor- rugated Sheet Metal on the Basis of self organization", FIRST INTERNATIONAL INDUSTRIAL CONFERENCE BIONIC, vol. 15, 2004, pages 299 - 313

Citation (examination)

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Designated contracting state (EPC)
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Designated extension state (EPC)
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DOCDB simple family (publication)
EP 1728936 A2 20061206; EP 1728936 A3 20070530

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