

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 A3 20070530 (DE)

Application

EP 06010983 A 20060529

Priority

- DE 102005025620 A 20050603
- DE 102005041516 A 20050901

Abstract (en)

[origin: EP1728936A2] 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 (search report)

- [A] US 6221299 B1 20010424 - MIRTSCHE FRANK [DE], et al
- [A] US 5887470 A 19990330 - MIRTSCHE FRANK [DE]
- [A] FR 1411899 A 19650924 - CHAUSSON USINES SA

Cited by

DE102013017644B4; DE102013201186A1; US2019203477A1; US10378213B2; DE102014000083A1; DE102014000083B4; US8752292B2; WO2008077394A3; WO2014126183A1; USD919126S; US11512478B2; DE102021125209A1; DE102021125209B4; JP2010513070A

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DOCDB simple family (publication)

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