

Title (en)

METHOD FOR THE PRODUCTION OF A FIBER COMPOSITE COMPRISING A METALLIC MATRIX

Title (de)

VERFAHREN ZUR HERSTELLUNG VON EINEM FASERVERBUNDWERKSTOFF MIT METALLISCHER MATRIX

Title (fr)

PROCÉDÉ DE FABRICATION DU MATÉRIAU COMPOSITE RENFORCÉ PAR DES FIBRES ET À MATRICE MÉTALLIQUE

Publication

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Application

EP 08706752 A 20080112

Priority

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Abstract (en)

[origin: CA2676731A1] The invention relates to a fiber composite comprising a metallic matrix as well as a method for producing the same. A fiber material composed of single fibers (1) is embedded in a metallic matrix formed by a metallizing layer (2) that surrounds the fiber (1) and a metallic final layer (4) which is applied to the metallizing layer (2). In addition, a metallic adhesive layer (3) can be provided between the metallizing layer (2) and the metallic final layer (4). The metallic final layer (4) can be formed by means of one or several applications and can be machined using any mechanical machining processes.

IPC 8 full level

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CPC (source: EP US)

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- GB 2219006 A 19891129 - ROLLS ROYCE PLC [GB]
- DE 102005050045 B3 20070104 - PRAXAIR SURFACE TECHNOLOGIES G [DE]

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