

Title (en)

METHOD OF MANUFACTURING COMPOSITE CONDUCTING FIBRES, FIBRES OBTAINED BY THE METHOD, AND USE OF SUCH FIBRES

Title (de)

VERFAHREN ZUR HERSTELLUNG LEITFÄHIGER VERBUNDFASERN, IN DIESEM VERFAHREN HERGESTELLTE FASERN UND VERWENDUNG SOLCHER FASERN

Title (fr)

PROCEDE DE FABRICATION DE FIBRES CONDUCTRICES COMPOSITES, FIBRES OBTENUES PAR LE PROCEDE ET UTILISATION DE TELLES FIBRES

Publication

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Application

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Abstract (en)

[origin: WO2010001044A2] The invention relates to a method of manufacturing fibres made of a composite based on a thermoplastic polymer and conducting or semiconducting particles, which includes a heat treatment, said heat treatment consisting in heating the composite, by progressively raising the temperature, having the effect of improving the conducting properties of the fibres obtained or of making the initially insulating fibres conducting. The invention also relates to the conducting fibres thus obtained and in particular to polyamide fibres and carbon nanotubes.

IPC 8 full level

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