

Title (en)

CARBON NANOFIBRE COMPOSITES, PREPARATION AND USE

Title (de)

CARBONNANOFASERVERBUNDSTOFFE, HERSTELLUNG UND VERWENDUNG

Title (fr)

COMPOSITES DE NANOFIBRES DE CARBONE, LEUR PREPARATION ET UTILISATION

Publication

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Application

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Abstract (en)

[origin: EP1589131A1] The invention is directed to arbon nanofibre composite having a bulk density of at least 800kg/m<3>, obtainable by the process of growing carbon nanofibres on the surface of a supported carbon fibre producing metal catalyst, such as a catalyst based on nickel, cobalt, iron and ruthenium or combinations and/or alloys thereof, by decomposition of a hydrocarbon, for a sufficient period of time to produce the required bulk density, optionally followed by removal of the growth catalyst, to their production and use as catalyst support.

IPC 8 full level

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