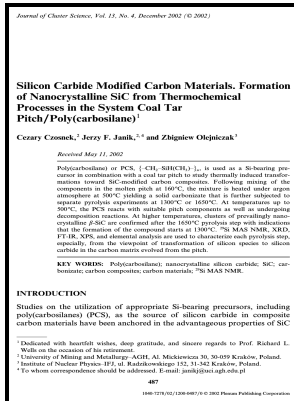


Coal-tar pitch as the matrix carbon precursor in carbon-carbon composites

- - WO2006071847A2



Description: -

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High performance carbon

Rapid and cost-effective densification is a result of the volumetric yield the impregnant provides when fully processed. This is performed at a rate of no greater than 5° C.

High performance carbon

Process for preparing a graphite product 1979-08-16 1982-03-09 Lancashire Tar Distillers Limited Manufacture of porous carbon 1980-04-28 1984-03-27 Everett Douglas H Mesoporous carbons 1981-03-26 1984-04-10 General Electric Co. For the samples having an outer diameter of 25mm and inner diameter of 10mm, one unit rpm is equivalent to an average linear speed of O.

Ug carbon carbon composite

Process for preparing a graphite product 1980-04-07 1981-06-09 Stiller Alfred H Coal extraction process 1980-04-28 1984-03-27 Everett Douglas H Mesoporous carbons 1981-03-26 1984-04-10 General Electric Co. Philips Corporation Method for the hot-working of glass 1972-03-30 1977-01-25 Union Carbide Corporation High modulus, high strength carbon fibers produced from mesophase pitch 1974-10-03 1977-02-08 Airco, Inc.

DeepDyve

Each of the processes entails numerous variations including treatment of the impregnants, temperatures, gas ratios, pressures, and process sequences. Rigid monolithic preforms can be made with significant open porosity suitable for densification by the Chemical Vapor Infiltration method of ceramic and carbon infiltrants. This thesis is a study on the use of coal-tar pitch as carbon matrix precursor in carbon—carbon composites.

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