

Title (en)

CARBONIZATION OF CELLULOSIC FIBROUS MATERIALS IN THE PRESENCE OF AN ORGANOSILICON COMPOUND

Title (de)

KARBONISIERUNG VON CELLULOSEFASERMATERIALIEN IN GEGENWART EINER ORGANOSILICIUMVERBINDUNG

Title (fr)

CARBONISATION DE MATERIAUX FIBREUX CELLULOSIQUES EN PRESENCE D'UN COMPOSE ORGANOSILICIE

Publication

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Application

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Abstract (en)

[origin: US7175879B2] The subject of the present invention is a method of obtaining fibrous carbon materials by carbonization of cellulosic fibrous materials carried out continuously or batchwise in the presence of at least one organosilicon compound. Characteristically, said organosilicon compound is chosen from the family of cyclic, linear or branched polyhydrosiloxanes which are substituted with methyl and/or phenyl groups and the number-average molecular mass of which is between 250 and 10 000, advantageously between 2 500 and 5 000.

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