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: WO0142544A2] The invention relates to a method for obtaining fibrous carbon materials by continuous or non-continuous carbonization of cellulosic fibrous materials in the presence of at least one organosilicon compound. The invention is characterized in that said organosilicon compound is chosen from the group comprising oligomers and resins which are cross-linked, cyclic or branched, which have a numerical average molecular mass of between 500 and 10 000 and which are made up of radicals of formula SiO4 (referred to as Q4 radicals) and radicals of formula SiOxRy(OR')z.

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