

Title (en)

PREPARATION OF CARBON FIBERS FROM LIGNIN/PVA PRECURSOR FIBERS

Title (de)

HERSTELLUNG VON KOHLENSTOFFFASERN AUS LIGNIN / PVA-PRECURSOR-FASERN

Title (fr)

PRÉPARATION DE FIBRES DE CARBONE À PARTIR DE FIBRES PRÉCURSEURS LIGNINE/PVA

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Abstract (en)

[origin: WO2019086377A2] The invention relates to a method for producing carbon fiber precursor fibers comprising a lignin and a polyvinyl alcohol (PVA) and containing at least 60 % by mass of lignin relative to the total mass of lignin-PVA. The method includes providing a solution of lignin and PVA in a solvent, injecting the solution containing lignin and PVA into a coagulation bath to obtain one or more fibers, containing at least 60 % by mass of lignin, coagulated by wet spinning. The invention also relates to a material comprising or consisting of one or more carbon fiber precursor fibers.

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