

Title (en)

METHOD FOR PRODUCING CARBON FIBERS

Title (de)

VERFAHREN ZUR HERSTELLUNG VON KOHLEFASERN

Title (fr)

PROCÉDÉ DE FABRICATION DE FIBRES DE CARBONE

Publication

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Application

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Abstract (en)

[origin: WO2012152554A1] The invention relates a method for producing carbon fibers, wherein polyacrylonitrile (PAN) is pyrolytically carbonized to form carbon fibers under release of hydrocyanic acid (HCN), and to a system for carrying out the method. The aim of the invention is to make the method more economical. Said aim is achieved by the material utilization of the hydrocyanic acid by collecting the released hydrocyanic acid and washing said acid with an alkaline medium to obtain cyanide salt-containing lye.

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