

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
EP 1259665 B1 20040428 (FR)

Application
EP 00985407 A 20001205

Priority
• FR 0003389 W 20001205
• FR 9915329 A 19991206

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 SiO_4 (referred to as Q4 radicals) and radicals of formula $\text{SiO}_x\text{R}_y(\text{OR}')_z$.

IPC 1-7
D01F 9/16; **D01F 11/14**

IPC 8 full level
D06M 15/643 (2006.01); **D01F 9/16** (2006.01); **D01F 11/14** (2006.01); **D03D 15/12** (2006.01); **D06M 101/06** (2006.01)

CPC (source: EP US)
D01F 9/16 (2013.01 - EP US); **D01F 11/14** (2013.01 - EP US)

Designated contracting state (EPC)
AT DE FR GB IT

DOCDB simple family (publication)
WO 0142544 A2 20010614; **WO 0142544 A3 20011227**; AT E265560 T1 20040515; AU 2183401 A 20010618; BR 0016124 A 20021119; BR 0016124 B1 20120110; DE 60010343 D1 20040603; DE 60010343 T2 20050504; EP 1259665 A2 20021127; EP 1259665 B1 20040428; FR 2801907 A1 20010608; FR 2801907 B1 20020301; JP 2003516478 A 20030513; JP 4651256 B2 20110316; MX PA02005624 A 20040910; RU 2002115274 A 20040110; RU 2256013 C2 20050710; UA 72780 C2 20050415; US 2002182139 A1 20021205; US 7226639 B2 20070605

DOCDB simple family (application)
FR 0003389 W 20001205; AT 00985407 T 20001205; AU 2183401 A 20001205; BR 0016124 A 20001205; DE 60010343 T 20001205; EP 00985407 A 20001205; FR 9915329 A 19991206; JP 2001544410 A 20001205; MX PA02005624 A 20001205; RU 2002115274 A 20001205; UA 2002064660 A 20001205; US 14877802 A 20020604