

Title (en)

METHOD FOR PRODUCING A PRECURSOR CERAMIC

Title (de)

VERFAHREN ZUR HERSTELLUNG EINER PRECURSOR-KERAMIK

Title (fr)

PROCEDE DE PRODUCTION D'UNE CERAMIQUE PRECURSEUR

Publication

EP 1651583 A1 20060503 (DE)

Application

EP 04738504 A 20040512

Priority

- DE 2004000987 W 20040512
- DE 10333961 A 20030725

Abstract (en)

[origin: WO2005014503A1] The invention relates to a method for producing a precursor ceramic by pyrolysis of element-organic precursor polymers. According to said method, carbon nanotubes are linked to the precursor ceramic in such a way that the quantity of free carbon that forms during the decomposition of the element-organic precursor polymers is adjusted such that the carbon content of the precursor ceramic is stoichiometric or moderately substoichiometric.

IPC 1-7

C04B 35/80

IPC 8 full level

C04B 35/80 (2006.01)

CPC (source: EP US)

B82Y 30/00 (2013.01 - EP US); **C04B 35/5603** (2013.01 - EP); **C04B 35/571** (2013.01 - EP); **C04B 35/6325** (2013.01 - EP);
C04B 35/80 (2013.01 - EP US); **C04B 2235/3217** (2013.01 - EP); **C04B 2235/3244** (2013.01 - EP); **C04B 2235/3418** (2013.01 - EP);
C04B 2235/3826 (2013.01 - EP); **C04B 2235/3891** (2013.01 - EP); **C04B 2235/402** (2013.01 - EP); **C04B 2235/404** (2013.01 - EP);
C04B 2235/405 (2013.01 - EP); **C04B 2235/407** (2013.01 - EP); **C04B 2235/421** (2013.01 - EP); **C04B 2235/428** (2013.01 - EP);
C04B 2235/5288 (2013.01 - EP); **C04B 2235/602** (2013.01 - EP); **C04B 2235/6562** (2013.01 - EP); **C04B 2235/6565** (2013.01 - EP);
C04B 2235/6582 (2013.01 - EP); **C04B 2235/79** (2013.01 - EP)

Citation (search report)

See references of WO 2005014503A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

DE 10333961 A1 20050210; BR PI0412005 A 20060815; CN 100430341 C 20081105; CN 1829669 A 20060906; EP 1651583 A1 20060503;
JP 2006528595 A 20061221; US 2006239896 A1 20061026; US 7708934 B2 20100504; WO 2005014503 A1 20050217

DOCDB simple family (application)

DE 10333961 A 20030725; BR PI0412005 A 20040512; CN 200480021443 A 20040512; DE 2004000987 W 20040512;
EP 04738504 A 20040512; JP 2006521378 A 20040512; US 56366304 A 20040512