

Title (en)  
CARBON AND METAL NANOMATERIAL COMPOSITION AND SYNTHESIS

Title (de)  
KOHLE- UND METALLNANOMATERIALZUSAMMENSETZUNG UND SYNTHESE

Title (fr)  
COMPOSITION ET SYNTHÈSE DE NANOMATÉRIAUX DE CARBONE ET DE MÉTAL

Publication  
**EP 1789689 A2 20070530 (EN)**

Application  
**EP 05857559 A 20050804**

Priority  
• US 2005027711 W 20050804  
• US 59878404 P 20040804  
• US 62018104 P 20041019

Abstract (en)  
[origin: WO2006096205A2] This invention relates generally to nanopowder synthesis processes, and more particularly to the controlled use of a precursor material (such as a precursor gas) to assist in the formation of unagglomerated nanoparticles of the powder. It also relates to novel nanomaterials comprised of carbon and metals produced by the process along with the fundamental processes the novel nanomaterials enable.

IPC 8 full level  
**B23K 9/00** (2006.01); **A61K 9/14** (2006.01); **B05D 3/00** (2006.01); **B23K 26/00** (2006.01); **C23C 16/00** (2006.01)

CPC (source: EP KR)  
**A61P 31/04** (2017.12 - EP); **B82B 3/00** (2013.01 - KR); **B82Y 30/00** (2013.01 - EP); **B82Y 40/00** (2013.01 - EP); **C01B 32/05** (2017.07 - EP); **C09C 1/56** (2013.01 - EP); **B82Y 40/00** (2013.01 - KR); **C01P 2002/72** (2013.01 - EP); **C01P 2004/04** (2013.01 - EP)

Citation (search report)  
See references of WO 2006096205A2

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)  
AL BA HR MK YU

DOCDB simple family (publication)  
**WO 2006096205 A2 20060914**; **WO 2006096205 A3 20090416**; AU 2005328642 A1 20060914; CA 2575967 A1 20060914; EP 1789689 A2 20070530; IL 181147 A0 20070704; JP 2008517147 A 20080522; KR 20070056075 A 20070531

DOCDB simple family (application)  
**US 2005027711 W 20050804**; AU 2005328642 A 20050804; CA 2575967 A 20050804; EP 05857559 A 20050804; IL 18114707 A 20070204; JP 2007524980 A 20050804; KR 20077004355 A 20070223