

Title (en)  
PURIFICATION OF NANOTUBES

Title (de)  
VERFAHREN ZUR REINIGUNG VON NANORÖHREN

Title (fr)  
PURIFICATION DE NANOTUBES

Publication  
**EP 1583716 A1 20051012 (EN)**

Application  
**EP 03782614 A 20031212**

Priority  
• GB 0305409 W 20031212  
• GB 0229033 A 20021212

Abstract (en)  
[origin: WO2004052781A1] A method of purifying an impure sample of carbon nanotubes is described comprising a method of purifying an impure sample of carbon nanotubes comprising annealing them in air or another oxygen-containing gas which, apart from oxygen, is inert to carbon nanotubes under the conditions used and then heating them in a medium which oxidises graphene only at a temperature of at least 330°C at atmospheric pressure or a medium equivalent thereto using a form of non-contact electromagnetic heating.

IPC 1-7  
**C01B 31/02**

IPC 8 full level  
**C01B 31/02** (2006.01)

CPC (source: EP)  
**B82Y 30/00** (2013.01); **B82Y 40/00** (2013.01); **C01B 32/17** (2017.07); **C01B 2202/02** (2013.01)

Citation (search report)  
See references of WO 2004052781A1

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 PT RO SE SI SK TR

DOCDB simple family (publication)  
**WO 2004052781 A1 20040624**; AU 2003290249 A1 20040630; EP 1583716 A1 20051012; GB 0229033 D0 20030115

DOCDB simple family (application)  
**GB 0305409 W 20031212**; AU 2003290249 A 20031212; EP 03782614 A 20031212; GB 0229033 A 20021212