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(54) Title: METHODS AND DEVICES FOR MAKING CARBON NANOTUBES AND COMPOSITIONS THEREOF

(57) Abstract: A method of making carbon nanotubes includes reacting hydrogen and carbon monoxide in a reaction chamber and in the presence of stainless steel. Typically, the carbon nanotubes are formed on the stainless steel. These carbon nanotubes can be removed from the stainless steel and can be used in a variety of applications.

# INTERNATIONAL SEARCH REPORT

International application No.  
PCT/US05/42229

**A. CLASSIFICATION OF SUBJECT MATTER**  
 IPC: **D01C 5/00**( 2006.01)

USPC: 423/447.3  
 According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)  
 U.S. : 423/447.3

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

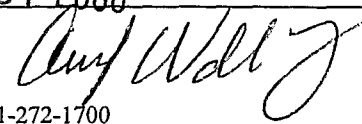
**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2003/0202930 A1 (DODELET et al) 30 October 2003 (30.10.2003), Abstract and paragraphs 0027 and 0030.	16-21
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Y		1-15 and 22-24
Y	US 2002/0167374 A1 (HUNT et al) 14 November 2002 (14.11.2002), paragraph 0062.	1-15
A	US 2003/0181328 A1 (HWANG et al) 25 September 2003 (25.09.2003).	1-15
A	US 2003/0042834 A1 (DEAN et al) 6 March 2003 (06.03.2003).	1-15
A	US 6,890,505 B2 (MIYAZAWA et al) 10 May 2005 (10.05.2005).	1-15

Further documents are listed in the continuation of Box C.       See patent family annex.

* Special categories of cited documents:	"
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"O" document referring to an oral disclosure, use, exhibition or other means	"&" document member of the same patent family
"P" document published prior to the international filing date but later than the priority date claimed	

Date of the actual completion of the international search 19 August 2006 (19.08.2006)	Date of mailing of the international search report <b>02 OCT 2006</b>
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