

Title (en)  
PROCESS FOR THE PREPARATION OF CARBON NANOTUBES HAVING HYDROXYALKYL ESTER GROUPS, AND MATERIALS AND DISPERSIONS CONTAINING THESE CARBON NANOTUBES

Title (de)  
VERFAHREN ZUR HERSTELLUNG VON HYDROXYALKYLESTERGRUPPEN AUFWEISENDEN KOHLENSTOFFNANORÖHREN UND DIESE KOHLENSTOFFNANORÖHREN AUFWEISENDE WERKSTOFFE UND DISPERSIONEN

Title (fr)  
PROCÉDÉ DE FABRICATION DE NANOTUBES DE CARBONE PRÉSENTANT DES GROUPES ESTER D'HYDROXYALKYLE ET MATÉRIAUX ET DISPERSIONS PRÉSENTANT CES NANOTUBES DE CARBONE

Publication  
**EP 2523902 A1 20121121 (DE)**

Application  
**EP 11700254 A 20110110**

Priority  
• DE 102010004806 A 20100116  
• EP 2011050231 W 20110110

Abstract (en)  
[origin: WO2011086049A1] The invention relates to a process for the preparation of carbon nanotubes having hydroxyalkyl ester groups by reacting carbon nanotubes which have carboxylic acid groups with one or more epoxides, and to dispersions and materials which contain the carbon nanotubes functionalized thus.

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

CPC (source: EP KR US)  
**B82B 1/008** (2013.01 - KR); **B82B 3/0009** (2013.01 - KR); **B82B 3/0061** (2013.01 - KR); **B82Y 30/00** (2013.01 - EP KR US); **B82Y 40/00** (2013.01 - EP KR US); **C01B 32/15** (2017.07 - EP US); **C01B 32/168** (2017.07 - KR); **C01B 32/174** (2017.07 - KR)

Citation (search report)  
See references of WO 2011086049A1

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)  
**WO 2011086049 A1 20110721**; CA 2787073 A1 20110721; CN 102822091 A 20121212; EP 2523902 A1 20121121; JP 2013517198 A 20130516; KR 20120118009 A 20121025; US 2012292563 A1 20121122

DOCDB simple family (application)  
**EP 2011050231 W 20110110**; CA 2787073 A 20110110; CN 201180006289 A 20110110; EP 11700254 A 20110110; JP 2012548397 A 20110110; KR 20127018314 A 20110110; US 201113522438 A 20110110