

Title (en)

METHOD FOR TREATMENT OF CARBON NANOTUBES

Title (de)

VERFAHREN ZUR BEHANDLUNG VON KOHLENSTOFFNANORÖHREN

Title (fr)

PROCEDE DE TRAITEMENT DES NANOTUBES DE CARBONE

Publication

EP 1853517 A1 20071114 (FR)

Application

EP 06709292 A 20060210

Priority

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- FR 0501623 A 20050217
- US 72979405 P 20051024

Abstract (en)

[origin: FR2882047A1] The concentration of sodium hypochlorite is 1-10 wt.% at lower or equal to 60[deg]C for up to 24 hours. Acidification is carried out until the medium has pH lesser than 5, when the hypochlorite concentration exceeds 3-4%. The carbon nanotubes having the atomic ratio of oxygen/carbon is equal or higher than 5% and the solvent is miscible with water.

IPC 8 full level

C01B 31/02 (2006.01); **C08K 3/04** (2006.01); **C08K 7/24** (2006.01)

CPC (source: EP KR US)

B82B 3/00 (2013.01 - KR); **B82Y 30/00** (2013.01 - EP KR US); **B82Y 40/00** (2013.01 - EP KR US); **C01B 32/162** (2017.07 - EP US); **C01B 32/168** (2017.07 - EP US); **C01B 32/17** (2017.07 - EP KR US); **C01B 32/174** (2017.07 - KR); **C08K 3/041** (2017.04 - KR); **C08K 7/24** (2013.01 - EP US); **C01B 2202/28** (2013.01 - KR)

Citation (search report)

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