

## Title (en)

METHOD FOR PRODUCING A CARBON NANOTUBE-, FULLERENE- AND/OR GRAPHENE-CONTAINING COATING

## Title (de)

VERFAHREN ZUM HERSTELLEN EINER KOHLENSTOFF-NANORÖHREN, FULLERENE UND/ODER GRAPHENE ENTHALTENDEN BESCHICHTUNG

## Title (fr)

PROCÉDÉ DE PRODUCTION D UN REVÊTEMENT CONTENANT DES NANOTUBES DE CARBONE, DES FULLERÈNES ET/OU DES GRAPHÈNES

## Publication

**EP 2340229 A1 20110706 (DE)**

## Application

**EP 09743836 A 20090903**

## Priority

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## Abstract (en)

[origin: CA2731963A1] The invention relates to a method for producing a carbon nanotube-, fullerene-and/or graphene-containing coating on a substrate, comprising the steps of applying carbon nanotubes, fullerenes and/or graphenes onto a tin-containing coating and introducing carbon nanotubes, fullerenes and/or graphenes into the coating by mechanical and/or thermal treatment. The invention further relates to the coated substrate produced by the method according to the invention and to the use of the coated substrate as an electromechanical component or leadframe.

## IPC 8 full level

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## Citation (examination)

- EP 0989579 A2 20000329 - LUCENT TECHNOLOGIES INC [US], et al
- US 2003102222 A1 20030605 - ZHOU OTTO Z [US], et al
- US 2006174932 A1 20060810 - USUI HIROKI [JP], et al
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- H. KIM ET AL.: "Carbon nanotube-incorporated direct-patternable SnO2 thin film is formed by photochemical metal-organic deposition", THIN SOLID FILMS, vol. 517, 1 December 2008 (2008-12-01), pages 1072 - 1076, XP025712283
- See also references of WO 2010045905A1

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## DOCDB simple family (application)

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