

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
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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.

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Citation (examination)

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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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