Title (en)

CARBON NANOTUBE FILMS, LAYERS, FABRICS, RIBBONS, ELEMENTS AND ARTICLES

Title (de)

KOHLENSTOFFNANORÖHREN ENTHALTENDE FILME, SCHICHTEN, TEXTILEFLÄCHENGEBILDE, BÄNDER, ELEMENTE UND GEGENSTÄNDE

Title (fr)

FILMS, COUCHES, TISSUS, RUBANS, ELEMENTS ET ARTICLES DE NANOTUBES DE CARBONE

Publication

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Application

EP 03815469 A 20030113

Priority

US 0300839 W 20030113

Abstract (en)

[origin: WO2004065671A1] Carbon Nanotube Films, Layers, Fabrics, Ribbons, Elements and Articles are disclosed. To make various articles, certain embodiments provide a substrate. Preformed nanotubes are applied to a surface of the substrate to create a non-woven fabric of carbon nanotubes. Portions of the non-woven fabric are selectively removed according to a defined pattern to create the article. To make a nanofabric, a substrate is provided. Preformed nanotubes are applied to a surface of the substrate to create a non-woven fabric of carbon nanotubes wherein the non-woven fabric is substantially uniform density. The nanofabrics and articles have characteristics desirable for various electrical systems such as memory circuits and conductive traces and pads.

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D01F 9/12

IPC 8 full level

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CPC (source: EP)

B82Y 10/00 (2013.01); **B82Y 30/00** (2013.01); **D01F 9/127** (2013.01); **H10K 85/221** (2023.02)

Citation (search report)

- No further relevant documents disclosed
- See references of WO 2004065671A1

Citation (examination)

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