

Title (en)
METHOD FOR MANUFACTURING CARBON NANOTUBES AS FUNCTIONAL ELEMENTS OF MEMS DEVICES

Title (de)
VERFAHREN ZUR HERSTELLUNG VON NANORÖHREN AUS KOHLENSTOFF ALS FUNKTIONELLE ELEMENTE VON MEMS-BAUELEMENTEN

Title (fr)
PROCEDE DE FABRICATION DE NANOTUBES DE CARBONE COMME ELEMENTS FONCTIONNELS DE DISPOSITIFS A SYSTEME DE FABRICATION ELECTROMECHANIQUE (MEMS)

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Abstract (en)
[origin: WO0019494A1] A system and method for manufacturing carbon nanotubes as functional elements of MEMS devices. The method of the present invention comprises the steps of preparing a MEMS substrate for synthesis of a carbon nanotube. A nanosize hole or catalyst retaining structure is fabricated on the MEMS substrate in which a nanotube catalyst is deposited. A nanotube is then synthesized within the nanosize hole.

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Citation (search report)

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- See references of WO 0019494A1

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