

Title (en)

METHOD FOR PRODUCING A PLURALITY OF REGULARLY ARRANGED NANOCONNECTIONS ON A SUBSTRATE

Title (de)

VERFAHREN ZUR ERZEUGUNG EINER MEHRZAHL REGELMÄSSIG ANGEORDNETER NANOVERBINDUNGEN AUF EINEM SUBSTRAT

Title (fr)

PROCEDE DE PRODUCTION D'UNE PLURALITE DE NANOCONNEXIONS DISPOSEES AVEC REGULARITE SUR UN SUBSTRAT

Publication

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Application

**EP 06818095 A 20061124**

Priority

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Abstract (en)

[origin: DE102005056879A1] The method involves microstructuring a masking layer for producing a defined area with masking, and producing cracks in the masking layer. Material forming nano-connections are applied on structures of the masking layer and on non-masked regions of a substrate. The area is covered with a rectangular masking strip, where the length of the strip is larger than its breadth. A crack pattern comprising a set of crack lines is produced by inducing stress in the masking strip, such that the nano-connections are formed over the defined area.

IPC 8 full level

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