

Title (en)

METHOD FOR PRODUCING GRAPHENE NANOLAYERS

Title (de)

VERFAHREN ZUR HERSTELLUNG VON GRAPHEN-NANOLAGEN

Title (fr)

PROCÉDÉ DE PRODUCTION DE NANOCOUCHEs DE GRAPHÈNE

Publication

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Application

**EP 12710043 A 20120209**

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Abstract (en)

[origin: WO2012107525A1] The invention relates to a method for producing graphene nanolayers consisting of the following steps: a) a mixture of at least one graphite compound and at least one polymerisable substance is produced by forming at least one intercalated graphite compound with the polymerisable substance, b) in situ polymerisation of the dispersion obtained in step a) by exfoliating said at least one intercalated graphite compound, and c) insulating the graphene nano layers formed in step b).

IPC 8 full level

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