

Title (en)

A METHOD TO PRODUCE ENGINEERED COMPOSITE ARTICLES COMPRISING EPOXY AND CARBON NANO TUBES

Title (de)

VERFAHREN ZUR HERSTELLUNG VON ARTIKELN AUS EPOXID UND KOHLENSTOFFNANORÖHREN UMFASSENDEN TECHNISCHEN VERBUNDSTOFFEN

Title (fr)

PROCÉDÉ DE PRODUCTION D ARTICLES COMPOSITES TECHNIQUES COMPRENANT UN ÉPOXY ET DES NANOTUBES DE CARBONE

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Application

EP 09761853 A 20090610

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Abstract (en)

[origin: WO2009150298A1] The invention relates to a method for producing composite articles containing epoxy and functionalized carbon nano tubes (CNT). The method comprises the following steps: a closable mould (10) is provided the mould having open and close positions, the inner parts of the open mould (10) is equipped with a film (3), which has compatibility with said epoxy and it is impermeable at least to the extent that resin is prevented from migrating through the film to the mould, the open mould (10) is further filled with glue containing epoxy and said functionalized carbon nano tubes, solid materials and elements enabling the mechanical connection to other machine elements, the mould (10) is closed and heated until the finished article is sufficiently stable.

IPC 8 full level

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