

Title (en)

POLYMERIC FIBRE COMPOSITES MODIFIED WITH SINGLE-WALLED CARBON NANOTUBES

Title (de)

POLYMERE FASERVERBUNDE MODIFIZIERT MIT EINWANDIGEN KOHLENSTOFFNANORÖHREN

Title (fr)

COMPOSITES FIBREUX POLYMÈRES MODIFIÉS AVEC DES NANOTUBES DE CARBONE À SIMPLE PAROI

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Application

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Abstract (en)

[origin: WO2014009163A1] The present invention relates to fibre composites made of fibres and a polymer matrix, into which polymer matrix single-walled carbon nanotubes are also inserted. In the fibre composite materials according to the invention the single-walled carbon nanotubes are present homogeneously distributed in the intermediate spaces between the fibres. An improvement of the mechanical properties of the fibre composite materials is thereby achieved.

IPC 8 full level

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