

Title (en)

POLYURETHANE COMPOUNDS HAVING CARBON NANOTUBES

Title (de)

POLYURETHANMASSEN MIT KOHLENSTOFFNANORÖHRCHEN

Title (fr)

MASSES DE POLYURÉTHANE COMPORTANT DES NANOTUBES DE CARBONE

Publication

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Application

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Abstract (en)

[origin: WO2010102763A1] The invention relates to semi-crystalline polyurethane (PUR) compositions filled with carbon nanotubes (CNT) and having improved electrical properties, which can be obtained on the basis of water-based polyurethane/CNT mixtures. The invention further relates to a method for producing polyurethane compositions, in which water-based polyurethane lattices are mixed with carbon nanotubes which are dispersed in water. The invention also relates to films which are produced by pressure injection molding methods or by processing casting solutions.

IPC 8 full level

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Citation (search report)

See references of WO 2010102763A1

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