

Title (en)

THERMOPLASTIC MATERIAL COMPRISING NANOMETRIC LAMELLAR COMPOUNDS

Title (de)

THERMOPLASTISCHES KUNSTSTOFFMATERIAL AUS NANOSKALIGEN SCHICHTVERBINDUNGEN

Title (fr)

MATERIAU THERMOPLASTIQUE COMPRENANT DES COMPOSES LAMELLAIRES NANOMETRIQUES

Publication

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Application

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Abstract (en)

[origin: WO2004096903A2] The invention relates to materials comprising a thermoplastic matrix and at least particles based on phosphate of zirconium, titanium, cerium and/or silicon in the form of nanometric lamellar compounds having a shape factor of less than 100. The aforementioned materials can be used, for example, for the production of plastic parts, such as films, sheets, tubes, hollow or solid bodies, bottles, conduits or tanks.

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IPC 8 full level

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