

Title (en)

METHOD FOR PRODUCING POLYAMIDE COMPOSITE MATERIAL CONTAINING SILICON

Title (de)

VERFAHREN ZUR HERSTELLUNG VON SILIZIUMHALTIGEN POLYAMID-KOMPOSITMATERIALIEN

Title (fr)

PROCÉDÉ DE PRODUCTION DE MATÉRIAUX COMPOSITES DE POLYAMIDE CONTENANT DU SILICIUM

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Application

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Abstract (en)

[origin: WO2014184342A1] The invention relates to a method for producing polyamide composite materials containing silicon, comprising the copolymerisation of: a) at least one silicon compound (SV) having at least one silicon atom, said silicon atom having at least one lactamyl group of formula (A) bonded by means of the nitrogen atom thereof; b) the method also comprises copolymerisation with at least one comonomer (CM) that is selected from among ammonium salts of dicarboxylic acids, amino acids, amino acid amides and lactams. In formula (A), m represents a whole number between 1 and 11, in particular in between 2 and 9, and specifically 3, and # represents the connection to the silicon atom of the compound (SV).

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