

Title (en)

SEMI-CRYSTALLINE POLYAMIDE COMPOSITION HAVING A HIGH GLASS TRANSITION TEMPERATURE FOR A THERMOPLASTIC MATERIAL, PRODUCTION METHOD THEREOF AND USES OF SAME

Title (de)

HALBKRYSTALLINE POLYAMIDZUSAMMENSETZUNG MIT EINER HOHEN GLASÜBERGANGSTEMPERATUR FÜR EIN THERMOPLASTISCHES MATERIAL, HERSTELLUNGSVERFAHREN DAFÜR UND VERWENDUNGEN DAVON

Title (fr)

COMPOSITION DE POLYAMIDE SEMI-CRISTALLIN DE HAUTE TEMPERATURE DE TRANSITION VITREUSE POUR MATÉRIAU THERMOPLASTIQUE, SON PROCÉDE DE FABRICATION ET SES UTILISATIONS

Publication

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Application

EP 17745845 A 20170710

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Abstract (en)

[origin: WO2018011494A1] The invention relates to a composition for a thermoplastic material, comprising: 0 to 70 wt.-%, preferably 20 to 60 wt.-%, short reinforcing fibres, 30 to 100 wt.-% preferably 40 to 80 wt.-%, a thermoplastic matrix comprising at least one semi-crystalline polyamide polymer, 0 to 50 wt.-% additives and/or other polymers, said thermoplastic matrix being: (a) a reactive composition comprising or consisting of at least one reactive polyamide prepolymer precursor of the semi-crystalline polyamide polymer, or, as an alternative to (a), (b) a non-reactive composition of at least one polyamide polymer, said composition being that of the thermoplastic matrix defined above, and said reactive polyamide prepolymer of composition (a) and said polyamide polymer of composition (b) comprising or consisting of at least one BACT/XT copolyamide, wherein X is a linear aliphatic diamine at C9 to C18.

IPC 8 full level

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CPC (source: EP KR US)

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Citation (search report)

See references of WO 2018011494A1

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