

Title (en)

GRAPHITE FILLED POLYESTER-CARBONATE COMPOSITIONS.

Title (de)

MIT GRAPHIT GEFÜLLTE POLYESTERKARBONATZUSAMMENSETZUNGEN.

Title (fr)

COMPOSITIONS DE POLYESTER-CARBONATE REMPLIES DE GRAPHITE.

Publication

EP 0067854 A1 19821229 (EN)

Application

EP 82900466 A 19811218

Priority

US 22193680 A 19801231

Abstract (en)

[origin: WO8202399A1] Novel thermoplastic molding compositions comprising a polyester-carbonate polymer and graphite fibers. The compositions possess improved rigidity and heat distortion temperature properties with the addition of 0.5% to about 45% by weight of graphite fibers. In an example, a polyester-carbonate was prepared from bisphenol A, terephthalaloyl dichloride, isophthalaloyl dichloride and phosgene. Graphite fibers were added to the above polymer in the amount of 10% by weight.

Abstract (fr)

Nouvelles compositions de moulage thermoplastiques comprenant un polymere de polyester-carbonate et des fibres de graphite. Les compositions possedent des caracteristiques ameliorees de rigidite et de temperature de distorsion a la chaleur avec addition de 0,5% a 45% environ en poids de fibres de graphite. Dans un exemple, un polyester-carbonate a ete prepare a partir de bisphenol A, de bichlorure de terephthalyle, de bichlorure d'isophthalyle et du phosgene. Des fibres de graphite ont ete ajoutees au polymere decrit ci-dessus dans une quantite de 10% en poids.

IPC 1-7

C08K 7/06

IPC 8 full level

C08K 7/04 (2006.01); **C08K 7/06** (2006.01); **C08L 67/00** (2006.01)

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