

Title (en)
MOULDING MATERIALS AND USE THEREOF

Title (de)
FORMMASSEN UND DEREN VERWENDUNG

Title (fr)
MATIERES DE MOULAGE ET LEUR UTILISATION

Publication
EP 1658327 A1 20060524 (DE)

Application
EP 04763812 A 20040805

Priority
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Abstract (en)
[origin: US2005043443A1] A thermoplastic glass fibers reinforced molding composition that exhibits improved mechanical properties and resistance to hydrolysis is disclosed. The composition contains at least one thermoplastic polymer, sized glass fibers, and optional conventional additives and auxiliary substances. The sizing agent that is substantially free of emulsifiers not bound to the resin contains (a) at least one epoxide-functional, oligomeric resin, having epoxide group content of 0.15 to 0.75 mole per 100 g of resin, average functionality of at least 2.3 epoxide groups per molecule, (b) at least one epoxide curing agents, and (c) at least one silane coupling agent.

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C08K 9/08; **C03C 25/36**

IPC 8 full level
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