

Title (en)

METHOD FOR REINFORCING THERMOSETTING RESINS WITH ISOBORNYL ACRYLATE OR METHACRYLATE POLYMERS

Title (de)

VERSTÄRKUNG VON WÄRMEHÄRTBAREN HARZEN MIT POLYMERISATEN AUF BASIS VON ISOBORNYL-METHACRYLAT ODER -ACRYLAT

Title (fr)

RENFORCEMENT DES RESINES THERMODURCISABLES PAR DES POLYMERES A BASE DE METHACRYLATE OU ACRYLATE D'ISOBORNYLE

Publication

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Application

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Abstract (en)

[origin: WO9958606A1] Thermosetting resins with high modulus and high glass transition temperature are intrinsically fragile, thereby making them unsuitable for certain applications in particular in the form of composites. The invention concerns mixtures with isobornyl acrylate or methacrylate polymers synthesised in situ or added in the form of a solution or added in the form of a powder resulting from drying polymer prepared in the form of an emulsion. Said novel alloys have enhanced tenacity while retaining a high deformation temperature and a high modulus.

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