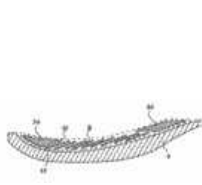
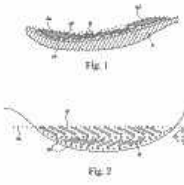
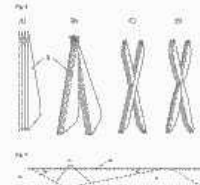
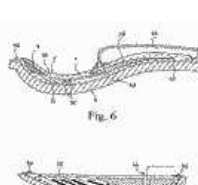
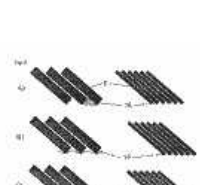
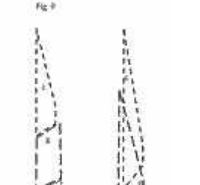
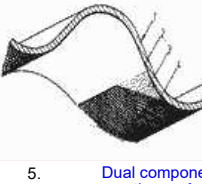
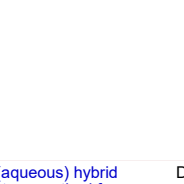
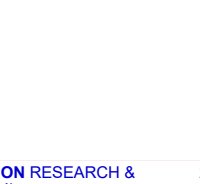
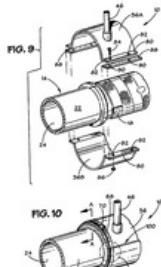
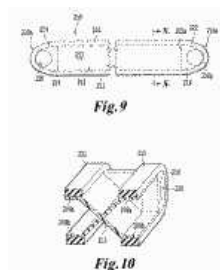
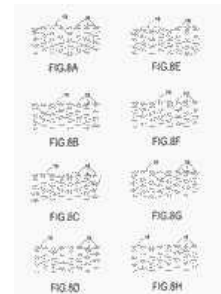


9 results for (structural and construction and element+ and fibre and polymer and resin and epoxi)/TI/AB/IW/CLMS - Collection: FAMPAT

#	Title	Publication number	1st App. date	Applicant/Assignee	1st Publ. date	Publ. date																																																																																																																								
1.	Composition for structural construction elements and production method	WO2017089967	2016-11-23	BUSINESS & CONSULTANTS ONE*	2017-06-01	2017-06-01																																																																																																																								
The present invention relates to a composition for structural construction elements that are essentially characterised by a selection of fibre-reinforced polymer (FRP) compounds. The composition comprises a fibre and a binding polymer resin having an anti-static composition, combined with silicon dioxide (SiO2) as a starting component, treated with a highly compatible curing agent, and provided with an anti-static retardant binder to form a thermostable composition.																																																																																																																														
2.	Method of manufacturing a wind turbine blade shell member	WO2006082479	2005-02-03	VESTAS WIND SYSTEMS*	2006-08-10	2006-08-10																																																																																																																								
A method for preparing a wind turbine blade shell member (2) comprising a plurality of elements (8) of cured fibre-reinforced sheet material is provided. A plurality of elements of cured fibre-reinforced sheet material is provided in a mould, a resin is introduced between the elements of cured fibre-reinforced sheet material and the elements are bonded to adjacent elements by curing the resin . The method is particularly suitable for preparing wind turbine blade shell members due to the complex three-dimensional shape of the airfoils, which may be resembled by the relatively flexible cured fibre-reinforced sheet material .																																																																																																																														
      																																																																																																																														
3.	Epoxy resin -based gel coat for surface finishing of components made of fibre-reinforced plastics	DE102012010583	2012-05-21	MANKIEWICZ GEBR* MANKIEWICZ GEBR & AMP	2013-11-21	2013-11-21																																																																																																																								
The invention relates to compositions for producing a gel coat containing a main component and a hardener component, wherein the composition comprises at least one epoxy resin , at least one polyol, at least one amine and a maximum of 5% by weight of fillers and/or pigments, based on the main component. The invention further relates to the use of the gel coat and to methods for surface finishing of fibre-reinforced plastics and to methods for producing surface-finished components from fibre-reinforced plastics , in particular manufacturing methods which use prepregs.																																																																																																																														
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4.	;reinforced; thin walled shaped body	FI841507	1984-04-02	AMROTEX* ARMOTEX NULL NULL PATEX DIVISION ETABLISSEMENTS	1984-04-16	1984-04-16																																																																																																																								
The bending and tensile strength of roof panels made from corrugated sheets (1), can be increased by applying sheets of reinforcing material (4) to the highly stressed areas. The corrugated roof panels are made of a polymer concrete and the reinforcing sheet is pref. made of glass fibre bonded with an epoxy resin . The reinforcing sheet is impregnated with an adhesive before being applied to the roof panels. (From PT78453 A)																																																																																																																														
      																																																																																																																														
5.	Dual component (aqueous) hybrid reactive resin system, method for production and use thereof	DE102006015774	2006-04-04	CONSTRUCTION RESEARCH & TECHNOLOGY*	2007-10-11	2007-10-11																																																																																																																								
A dual component (aqueous) hybrid reactive resin system with improved working properties and improved quality profile is disclosed, obtained by a) the production of an epoxy-functional (aqueous) binding agent component (I) with an epoxide equivalent of 100 to 12500 g/eq, an average molecular mass of 200 to 25,000 Daltons and a viscosity of 1,000 to 150,000 mPa.s (20 °C, Brookfield) and b) the production of a (latent) amino-functional hardener component (II). Said dual component (aqueous) hybrid reactive resin system can be used with excellent results in construction or industrial applications for production of chemical-, heat- and wear-resistant coating systems which are mechanically strong and easy to clean.																																																																																																																														



2006-08-22 2006-08-22



2003-10-30 2003-10-30

2/3

The invention relates to a wind turbine blade (5) comprising one or more oscillation dampers (11) for damping oscillations or vibrations of the wind turbine blade (5). The dampers (11) comprise one or more first damper parts (13) having one or more first damper part surfaces (17). The first damper parts (13) being rigidly connected to the blade (5) and/or being a part of the blade (5). The dampers (11) further comprise one or more second damper parts (12) having one or more second damper part surfaces (18), wherein the first damper part surfaces (17) and the second damper part surfaces (18) are arranged to move relatively to each other during the oscillations. Even further the dampers (11) comprise a load transferring coupling (32), directly or indirectly coupling the first damper part surfaces (17) and the second damper part surfaces (18), so that the relative movement result in a oscillation-damping dissipation of kinetic energy. The invention further relates to a wind turbine (1), an oscillation damper (11), a method for damping oscillations of a wing turbine blade (5) and use hereof.

