

(54) Title of the invention : A NATURAL FIBRE BASED HIGH STRENGTH COMPOSITE USED FOR SAFETY HELMETS AND ITS METHOD OF PREPARATION

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(57) Abstract :  
 ABSTRACT A NATURAL FIBRE BASED HIGH STRENGTH COMPOSITE USED FOR SAFETY HELMETS AND ITS METHOD OF PREPARATION The present invention relates to a natural fibre based high strength composite used for safety helmets and its method of preparation. The composite includes various sets of jute/bamboo reinforced composites along epoxy matrix by varying fibre orientation and filler content. The hybrid fibre composite includes jute, bamboo and e-glass having maximum capability to withstand bending stress. Figure 1

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