

Title (en)

METHOD OF PULTRUSION EMPLOYING MULTIPLE RESINS

Title (de)

MEHRERE HARZE EINSETZENDES PULTRUSIONSVERFAHREN

Title (fr)

PROCÉDÉ DE PULTRUSION UTILISANT DE MULTIPLES RÉSINES

Publication

EP 1981709 A1 20081022 (EN)

Application

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Priority

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Abstract (en)

[origin: WO2007090259A1] There is provided a method of pultrusion using multiple resins. In the method a continuous interior reinforcement layer and a continuous exterior reinforcement layer are supplied and the interior reinforcement layer is infused with a first resin and then combined with the exterior reinforcement layer to form a pultrusion reinforcement structure. The pultrusion reinforcement structure passes into an infusion die where a second resin infuses the exterior reinforcement layer, and then passes into a curing die to cure the resins and form a composite article. The second resin comprises an aliphatic isocyanate polyurethane resin with a greater concentration of aliphatic isocyanate than is present in the first resin to give the composite article superior UV resistance. A pultruded composite article produced by the pultrusion method is also provided.

IPC 8 full level

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CPC (source: EP)

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