

Title (en)

MEANS FOR SPLICING GLASS REINFORCEMENT FIBRES

Title (de)

VERFAHREN ZUM VERBINDEN VON BEWEHRUNGLASFASER

Title (fr)

SYSTEME D'ATTACHE POUR FILS DE VERRE DE RENFORCEMENT

Publication

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Application

**EP 06709510 A 20060214**

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Abstract (en)

[origin: WO2006087491A1] The invention relates to a method of connecting the ends of at least two glass yarns, in which the ends are impregnated with a material comprising a thermoplastic or thermosetting material or with a mixture of a thermoplastic material and a thermosetting material in an overlapping area which is calibrated using calibration means such as a mould/counter-mould assembly. According to the invention, the material is introduced into the calibration means either in the molten form or in the solid form. The overlapping zone of said material and the ends of the yarns is subsequently subjected to means for the at least partial and preferably-complete fusion of the material. The invention also relates to the continuous filament yarn that can be obtained using said method and to the use of one such yarn in a method in which it is used under strong tensile strain and/or in which it is passed through a calibrated nozzle.

IPC 8 full level

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