

Title (en)

METHOD FOR PRODUCING A CORD-SHAPED COMPOSITE MATERIAL AND SYSTEM THEREFOR

Title (de)

VERFAHREN ZUR HERSTELLUNG EINES STRANGFÖRMIGEN VERBUNDWERKSTOFFES UND ANLAGE HIERZU

Title (fr)

PROCÉDÉ DE PRODUCTION D'UN MATÉRIAU COMPOSITE DE FORME PROFILÉE ET INSTALLATION ASSOCIÉE

Publication

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Application

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Abstract (en)

[origin: WO2013092738A2] The invention relates to a method and to a pultrusion system (1) for producing a cord-shaped compound element (10) from a fiber bundle (11) and at least one filling component (12, 13), wherein the fiber bundle is guided into an injection box (14) having at least two supply channels (29) and an injection chamber (15), into which chamber the filling component (12, 13) is injected in a fluid state, such that the fiber bundle (11) is saturated with the filling component (12, 13) and whereby a material compound (16) is formed. According to the invention, energy is introduced in the injection chamber (15), such that the fiber bundle (11) is saturated with the filling component (12, 13) while energy is supplied.

IPC 8 full level

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