

Title (en)

USE OF A PARTICULAR COMPOSITION FOR PRODUCING PARTS BY FILAMENT WINDING

Title (de)

VERWENDUNG EINER TEILCHENFÖRMIGEN ZUSAMMENSETZUNG ZUR HERSTELLUNG VON TEILEN DURCH FILAMENTWICKELN

Title (fr)

UTILISATION D'UNE COMPOSITION PARTICULIERE POUR LA FABRICATION DE PIECES PAR ENROULEMENT FILAMENTAIRE

Publication

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Application

EP 06764705 A 20060531

Priority

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- FR 0505575 A 20050601

Abstract (en)

[origin: WO2006129014A2] The invention relates to the use of a composition for producing parts by filament winding, which comprises at least one type of resin formulation containing at least one type of thermosetting resin, at least one type of miscible rheology regulating agent which provides the composition with a viscosity difference whose factor is equal to or greater than 100 between a high-temperature state at a C₁ </SUB>shear rate and a low temperature state at a C₂ </SUB>shear rate, wherein the difference in temperature between the high-temperature and low-temperature states is equal to or greater than 30 °C, the C1 shear rate is greater than the C₂ </SUB>shear rate and the composition exhibits a Newtonian behaviour in the high-temperature state thereof.

IPC 8 full level

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DOCDB simple family (publication)

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