

Title (en)

METHODS FOR MANUFACTURING WIND TURBINE ROTOR BLADES AND COMPONENTS THEREOF

Title (de)

VERFAHREN ZUR HERSTELLUNG VON WINDTURBINENROTORSCHAUFELN UND DEREN KOMPONENTEN

Title (fr)

PROCÉDÉS DE FABRICATION DE PALES DE ROTOR D'ÉOLIENNE ET COMPOSANTS DE CELLES-CI

Publication

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Application

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Abstract (en)

[origin: WO2019212553A1] The present disclosure is directed to methods for manufacturing wind turbine rotor blades and components thereof. In one embodiment, the method includes forming an outer surface of a rotor blade panel from one or more fiber-reinforced outer skins. The method also includes printing and depositing at least one reinforcement structure onto an inner surface of the one or more fiber-reinforced outer skins to form the rotor blade panel, wherein the reinforcement structure bonds to the one or more fiber-reinforced outer skins as the reinforcement structure is being deposited.

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