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(54) **WIND TURBINE ROTOR BLADE HAVING A HEATING ELEMENT AND A METHOD OF MAKING THE SAME**

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See application file for complete search history.

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(57) **ABSTRACT**  
The invention relates to a wind turbine rotor blade having a blade root, a blade tip, two interconnected rotor blade half shells, which include a fiber-reinforced plastics material, and an electrical heating element, which is arranged on an outer side of the rotor blade and has a blade root end and a blade tip end, wherein the blade tip end is connected via an electrical line leading to the blade root and at least a first segment of the electrical line, which is arranged on an inner side of one of the rotor blade half shells, is made of a carbon fiber material. Further, the present invention relates to a method for making a wind turbine rotor blade having an electrical heating element.

**11 Claims, 4 Drawing Sheets**

