

Title (en)
ROTOR BLADE AND METHOD FOR MAKING THE SAME

Title (de)
ROTORBLATT UND VERFAHREN ZU SEINER HERSTELLUNG

Title (fr)
PALE DE ROTOR ET PROCÉDÉ DE FABRICATION ASSOCIÉ

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Application
EP 11786190 A 20110524

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Abstract (en)
[origin: WO2011148049A1] The invention relates to a rotor blade for a turbine in a wind power plant, and to a method for making the same. The rotor blade (5) comprises a box-type frame (13) produced by interconnecting frame parts (11a to 11 d). The frame constitutes a load-bearing part of the rotor blade. To the frame are attached a leading edge component (17) and a trailing edge component (19) that are separately manufactured and that provide the rotor blade with a desired aerodynamic shape. Surface plates (15a, 15b) of the box-type frame are part of the aerodynamic surface of the rotor blade. In the frame, between the surface plates, are arranged web plates wherein longitudinal seams (16) between the frame parts reside. Transverse projections (31) are located at the longitudinal seams.

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Citation (search report)
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• [X] EP 0061567 A2 19821006 - MESSERSCHMITT BOELKOW BLOHM [DE]
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• See references of WO 2011148049A1

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