

Title (en)

METHOD FOR RETROFITTING A TOOTHED RETROFITTING UNIT ON A REAR EDGE OF A WIND TURBINE ROTOR BLADE, AND TOOTHED RETROFITTING UNIT FOR A WIND TURBINE ROTOR BLADE

Title (de)

VERFAHREN ZUM NACHRÜSTEN EINER ZACKEN-NACHRÜSTEINHEIT AN EINER HINTERKANTE EINES WINDENERGIEANLAGEN-ROTORBLATTES UND ZACKEN-NACHRÜSTEINHEIT FÜR EIN WINDENERGIEANLAGEN-ROTORBLATT

Title (fr)

PROCÉDÉ D'INSTALLATION ULTÉRIEURE D'UNE UNITÉ D'INSTALLATION ULTÉRIEURE DE DENTS AU NIVEAU D'UN BORD DE FUITE D'UNE PALE DE ROTOR D'ÉOLIENNE ET UNITÉ DE D'INSTALLATION ULTÉRIEURE DE DENTS POUR UNE PALE DE ROTOR D'ÉOLIENNE

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Abstract (en)

[origin: WO2017042193A1] The invention relates to a method for retrofitting a toothed unit (300) on a rear edge (201) of a wind turbine rotor blade (200). A section (220) of the rear edge (201) of the rotor blade (200) is cut away and removed. This can be carried out when the rotor blade (200) is still positioned on a hub of the wind turbine, i.e. in the assembled state. A toothed retrofitting unit (300) is adhered on or into the rear edge (201) of the wind turbine rotor blade (200) in the cut-out and removed section (220). The toothed retrofitting unit (300) has a V-shaped profile and two securing arms (311, 312) on its first side and a plurality of teeth (321) on an opposing side. The two securing arms (311, 312) are adhered to the rear edge (201) of the rotor blade (200), in order to mount the toothed retrofitting unit (300).

IPC 8 full level

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Citation (search report)

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