

Title (en)

THE PRESENT INVENTION RELATES TO A DEVICE FOR REMEDYING EROSION PROBLEMS ON WIND TURBINE BLADES

Title (de)

DIE VORLIEGENDE ERFINDUNG BETRIFFT EINE VORRICHTUNG ZUR BEHEBUNG VON EROSIONSPROBLEMEN AN WINDTURBINENSCHAUFELN.

Title (fr)

DISPOSITIF DESTINÉ À REMÉDIER À DES PROBLÈMES D'ÉROSION SUR DES PALES D'ÉOLIENNE

Publication

EP 3768969 A4 20211208 (EN)

Application

EP 19770944 A 20190318

Priority

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Abstract (en)

[origin: WO2019179583A1] A device for remedying erosion problems on a wind turbine blade (1). The device is characterized in that it comprises a shock-absorbing and erosion-resistant and UV -resistant profile (4) for positioning on the front edge of a wind turbine blade (1), which device further comprises a holding part (5) at the leading edge of the blade, which holding part (5) is formed in the blade (1) during the blade-molding process or after-mounted. In the holding part (5) a groove with two recesses facing each other is formed, and in these two recesses two complementary flaps (6) of the profile are engaged and fixed by integrated wedges and the outer part of the profile (4) is designed to match the blade profile.

IPC 8 full level

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Citation (search report)

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- [Y] US 2008181775 A1 20080731 - LIVINGSTON JAMIE T [US], et al
- [Y] GB 2469516 A 20101020 - INSENSYS LTD [GB]
- See references of WO 2019179583A1

Designated contracting state (EPC)

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