

Title: Wind turbine blade patent

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Schacle, C V, "Wind turbine blade," US US 4408958, issued October 11, 1983. A wind turbine blade is disclosed of large size for a wind turbine having three blades and used to generate electrical power is ...

A wind turbine blade comprises a flexible external skin and an internal support structure, together defining an aerodynamic profile of the wind turbine blade. At least a portion of the internal ...

Nordex has filed a patent for a segmented wind turbine rotor blade design featuring pressure pieces between segments, connected to bolts for assembly. The pressure pieces allow for ...

The wind turbine blade comprises an outer skin (202), an inner skin (203), and a structural layer, wherein the structural layer comprises the wind turbine blade structural preform (201).

[0001] The present invention relates generally to wind turbine blades, and more specifically to a wind turbine blade having an improved shear web.

[0003] Each wind turbine blade comprises an elongat-ed blade body having a root for attaching the blade to the rotor hub. The blade body extends from the root to a tip. The elongated body varies its ...

U.S. patent number 11,274,650 [Application Number 16/676,741] was granted by the patent office on 2022-03-15 for attachment methods for surface features of wind turbine rotor blades.

Denver, US - 20 February 2025 - RES, the world"s largest independent renewables company, has been granted a US patent for a new method of inspecting wind ...

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A method of manufacturing a wind turbine blade extending along a longitudinal direction from a blade root



Wind turbine blade patent

through a root region and an airfoil region to a tip region with a blade tip, the wind ...

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