

Title (en)

A WIND TURBINE WITH A RING AIRFOIL SHROUD HAVING A FLAP

Title (de)

WINDTURBINE MIT RINGFLÜGELHÜLLE MIT EINER KLAPPE

Title (fr)

EOLIENNE POURVUE D'UNE ENVELOPPE ANNULAIRE À PROFIL AÉRODYNAMIQUE PRÉSENTANT UN VOILET

Publication

EP 2834516 A1 20150211 (EN)

Application

EP 13718012 A 20130405

Priority

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- US 2013035464 W 20130405

Abstract (en)

[origin: US2013266438A1] A ring airfoil with a voluminous leading edge region, an intermediate region, a trailing edge region including a flap. The ringed structural leading edge region combined with a rigid trailing edge region having intermediate discrete support portions extending therebetween provides sufficient rigidity to support the flap on the trailing edge region while using a membrane intermediate surface to form a portion of the intermediate region of the airfoil.

IPC 8 full level

F03D 1/04 (2006.01)

CPC (source: CN EP US)

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