

Title (en)  
METHOD FOR PRODUCING COATED TURBINE BLADES

Title (de)  
VERFAHREN ZUM HERSTELLEN VON BESCHICHTETEN TURBINENLAUFSCHAUFELN

Title (fr)  
PROCÉDÉ DE FABRICATION D'AUBES MOBILES DE TURBINE RECOUVERTES

Publication  
**EP 2137381 A1 20091230 (DE)**

Application  
**EP 08736059 A 20080410**

Priority  

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- EP 07008237 A 20070423
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Abstract (en)  
[origin: EP1985803A1] The method involves coating a turbine blade (40) with a protective layer (54) and a recess is inserted in a blade vane (48) of a blade (42) of the turbine blade for adjusting the resonance frequency of the turbine blade. The recesses are introduced after coating of the turbine blade. An independent claim is also included for a blade ring for a rotor of a turbine with axial flow.

IPC 8 full level  
**F01D 5/16** (2006.01)

CPC (source: EP US)  
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Citation (search report)  
See references of WO 2008128902A1

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**EP 1985803 A1 20081029**; AT E483097 T1 20101015; CA 2684810 A1 20081030; CA 2684810 C 20130205; CN 101663465 A 20100303; CN 101663465 B 20130731; DE 502008001450 D1 20101111; EP 2137381 A1 20091230; EP 2137381 B1 20100929; ES 2353358 T3 20110301; JP 2010525229 A 20100722; MX 2009010923 A 20091102; PL 2137381 T3 20110429; RU 2009142996 A 20110527; RU 2430239 C2 20110927; US 2010129554 A1 20100527; US 8607455 B2 20131217; WO 2008128902 A1 20081030

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