

Title (en)

Method for manufacturing vanes built into a shroud ring and stator ring obtained according to the method

Title (de)

Verfahren zur Herstellung eines Leitschaufelkranzes und ein nach diesem Verfahren erhaltener Gleichrichter

Title (fr)

Procédé de fabrication d'aubes intégrées dans une virole et redresseur obtenu selon le procédé

Publication

EP 2264284 B1 20150128 (FR)

Application

EP 09163148 A 20090618

Priority

EP 09163148 A 20090618

Abstract (en)

[origin: EP2264284A1] The method involves draping a set of folds (7) over a core comprising perforations, and optionally cutting the folds along incisions (8) formed opposite to the perforations. Blades (12) of vanes or vane preforms are inserted via the incisions and perforations, where the vanes are made of composite or metal material. Another set of folds (10) is draped over vane platforms (9) forming a rectifier preform. Resin is injected into a closed mold with the preform, and the resin-impregnated preform is polymerized. Molded piece having shape and dimensions of a rectifier is retrieved from the mold.

IPC 8 full level

F01D 9/04 (2006.01); **F04D 29/54** (2006.01)

CPC (source: EP US)

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Cited by

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DOCDB simple family (publication)

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DOCDB simple family (application)

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