

Title (en)
Segmented cascade made from individual vanes which are bolted together

Title (de)
Leitgitter, das aus einzelnen Leitschaufeln zusammengeschraubt ist

Title (fr)
Anneau de guidage composé par des aubes singulières vissées

Publication
EP 0949404 A1 19991013 (EN)

Application
EP 98302733 A 19980408

Priority

- EP 98302733 A 19980408
- CA 2231986 A 19980312
- JP 297497 A 19970110
- US 41439499 A 19991007
- US 4960998 A 19980327

Abstract (en)
The present invention provides a stationary blade of integrated segment construction, in which thermal barrier coating can be applied to the whole blade surface and an excessive stress is not produced in a shroud. A plate seat for bolt tightening is provided at each end face portion of an inside shroud and an outside shroud for a gas turbine stationary blade. Several stationary blades are integrated by joining the plate seats of the adjacent shrouds by means of bolts and nuts to provide a stationary blade of integrated segment construction. <IMAGE>

IPC 1-7
F01D 9/04

IPC 8 full level
F01D 5/28 (2006.01); **F01D 9/04** (2006.01)

CPC (source: EP)
F01D 5/288 (2013.01); **F01D 9/041** (2013.01); **F01D 9/042** (2013.01); **F05D 2230/00** (2013.01); **F05D 2230/90** (2013.01); **F05D 2240/12** (2013.01); **F05D 2260/30** (2013.01); **F05D 2300/611** (2013.01)

Citation (search report)
[X] US 4015910 A 19770405 - HARMON KENNETH E, et al

Cited by
EP1199440A3; EP1239058A3; US6811373B2; US8371810B2; EP1199440A2; US6592326B2; USRE43611E

Designated contracting state (EPC)
CH DE FR GB IT LI

DOCDB simple family (publication)
EP 0949404 A1 19991013

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EP 98302733 A 19980408