

Title (en)

Turbomachine component, turbomachine and method for attaching blades on a component

Title (de)

Maschinenteil einer Strömungsmaschine, Strömungsmaschine und Verfahren zur Montage von Schaufeln bei einem Maschinenteil

Title (fr)

Composant de turbomachine, turbomachine et procédé de fixation d'aubes sur un composant

Publication

EP 1707746 A1 20061004 (DE)

Application

EP 05005989 A 20050318

Priority

EP 05005989 A 20050318

Abstract (en)

A bracing cable (13) penetrates through openings at the roots (5) of all guide vanes (1) in a circular arc vane segment (19). The ends of the cables connect the roots (29,31) of the guide vanes (23,27) at both ends (21,25) of the segment. The vane roots are embedded into grooves (11) in the fluid machine. Independent claims are included for the following: (1) a fluid machine; and (2) a method of assembling guide vanes in a fluid machine part.

IPC 8 full level

F01D 5/30 (2006.01); **F01D 9/04** (2006.01)

CPC (source: EP)

F01D 5/3038 (2013.01); **F01D 9/042** (2013.01)

Citation (search report)

- [X] EP 1130217 A1 20010905 - ABB ALSTOM POWER NV [NL]
- [X] DE 333353 C 19210318 - OSTHOFF FA WALTER
- [X] GB 122455 A 19190121 - CHARLES ALGERNON PARSONS, et al

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

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