

Title (en)
Blade assembly for a turbo machine

Title (de)
Schaufelverband für eine Strömungsmaschine

Title (fr)
Ensemble d'aubes pour turbomachine

Publication
EP 2236753 A1 20101006 (DE)

Application
EP 09004207 A 20090324

Priority
EP 09004207 A 20090324

Abstract (en)
The blade unit includes at least two blades, which have a blade foot and a cover plate (6). The unit has a measurement on the contact surfaces (12, 16) which is such that the pre-stressing between the Z-form plates prevents vibration. The blade foot may be in the form of a hammer foot (20) and the blades may interact on their axis of rotation (7) in operation, to intensify the pre-stress effect.

Abstract (de)
Die Erfindung betrifft einen Schaufelverband (1) für eine Strömungsmaschine, insbesondere Dampfturbine, wobei die Deckplatten (6), die als Z-Platten ausgebildet sind, mit einem Aufmaß auf einer Kontaktfläche (12, 16) ausgebildet sind, um eine Vorspannung zwischen den Z-Platten zu erreichen, um Schwingungen zu vermeiden.

IPC 8 full level
F01D 5/22 (2006.01)

CPC (source: EP)
F01D 5/225 (2013.01)

Citation (search report)

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Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)
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