

Title (en)
Blade arrangement, especially stator blade arrangement

Title (de)
Schaufelanordnung, insbesondere Leitschaufelanordnung

Title (fr)
Agencement d'aube, notamment agencement d'aube directrice

Publication
EP 2447474 B1 20171206 (DE)

Application
EP 11185808 A 20111019

Priority
CH 17872010 A 20101027

Abstract (en)
[origin: EP2447474A1] The arrangement has blade-sided bases adapted for holding blades (3) in an accommodating channel (2) that is formed in a wall of fluid flow path of a turbo machine. Intermediate fillers (4) separating the bases are accommodated in a form-fit manner and fixed in a force-fit manner. The fillers fill the channel under formation of a constraining contour-free gas-flow side surface between the bases. Laterally perpendicular threaded bores for channel bases are provided in the fillers and are provided with screws (5) that are tightened by its adjustment against the channel bases.

IPC 8 full level
F01D 5/30 (2006.01); **F01D 9/04** (2006.01); **F01D 11/00** (2006.01)

CPC (source: EP US)
F01D 5/3038 (2013.01 - US); **F01D 5/32** (2013.01 - EP US); **F01D 9/042** (2013.01 - EP US); **F01D 11/008** (2013.01 - EP US);
F05B 2260/301 (2013.01 - EP US)

Cited by
FR3078100A1; US10907489B2

Designated contracting state (EPC)
AL 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 RS SE SI SK SM TR

DOCDB simple family (publication)
EP 2447474 A1 20120502; EP 2447474 B1 20171206; CH 703997 A1 20120430; US 2012107111 A1 20120503; US 8979497 B2 20150317

DOCDB simple family (application)
EP 11185808 A 20111019; CH 17872010 A 20101027; US 201113281480 A 20111026