

Title (en)

Turbine assembly

Title (de)

Turbinenanordnung

Title (fr)

Ensemble de turbine

Publication

EP 3015654 A1 20160504 (EN)

Application

EP 14190674 A 20141028

Priority

EP 14190674 A 20141028

Abstract (en)

The invention relates to a turbine blade assembly having a set of circumferentially fitted turbine blades (10) that form a set. The assembly includes a shim (20) located between a cavity (40) formed between lateral surfaces of two of the turbine blades (10). Each lateral surface (14) is offset from a radial direction (30) such that the cavity (40) has a reducing circumferential width over the blade root radial height (13) in a radial direction (30) while the shim (20) is a tapered shim (20) with a shape complementary to the shape of the cavity (40).

IPC 8 full level

F01D 5/30 (2006.01)

CPC (source: EP)

F01D 5/3038 (2013.01); **F05D 2220/31** (2013.01)

Citation (search report)

- [X] DE 1024983 B 19580227 - SIEMENS AG
- [X] GB 156559 A 19210120 - SCHNEIDER & CIE
- [A] US 2393447 A 19460122 - ALLEN ROBERT C

Cited by

JP2019056326A; EP3293353A1; RU2711601C1; US10961852B2; WO2018050467A1

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

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

EP 3015654 A1 20160504

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