

Title (en)

GAS TURBINE BLADE ASSEMBLY HAVING RETAINER ASSEMBLING STRUCTURE, AND GAS TURBINE HAVING SAME

Title (de)

GASTURBINENSCHAUFEL MIT HALTERMONTAGESTRUKTUR UND GASTURBINE DAMIT

Title (fr)

ENSEMBLE DE PALE DE TURBINE À GAZ PRÉSENTANT UNE STRUCTURE D'ASSEMBLAGE DE RETENUE ET TURBINE À GAZ LE COMPRENANT

Publication

**EP 3388634 B1 20191225 (EN)**

Application

**EP 17192813 A 20170925**

Priority

KR 20170047337 A 20170412

Abstract (en)

[origin: EP3388634A1] A gas turbine blade assembly, which is as an assembly provided with a plurality of gas turbine blades on an outer circumferential surface of a rotating disk along a circumferential direction to be spaced apart from each other at predetermined intervals, includes: a retainer insertion hole provided in a blade-fixing end, and depressed by a predetermined depth to correspond to a lower end of a retainer; a retainer coupler provided at a lower end of each of the gas turbine blades, and depressed by a predetermined depth to correspond to an upper end of the retainer; and a coupling member coupled at a location adjacent to the retainer coupler to couple the retainer and each of the gas turbine blades together.

IPC 8 full level

**F01D 5/30** (2006.01); **F01D 5/32** (2006.01); **F01D 11/00** (2006.01)

CPC (source: EP KR US)

**F01D 5/30** (2013.01 - EP US); **F01D 5/3007** (2013.01 - US); **F01D 5/3015** (2013.01 - EP KR US); **F01D 5/32** (2013.01 - EP US); **F01D 5/326** (2013.01 - US); **F01D 11/00** (2013.01 - EP US); **F01D 11/005** (2013.01 - KR); **F01D 5/02** (2013.01 - US); **F01D 5/12** (2013.01 - US); **F01D 11/006** (2013.01 - US); **F05D 2220/32** (2013.01 - US); **F05D 2260/30** (2013.01 - US)

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 3388634 A1 20181017**; **EP 3388634 B1 20191225**; JP 2018178985 A 20181115; JP 6459134 B2 20190130; KR 101878360 B1 20180713; US 2018298766 A1 20181018

DOCDB simple family (application)

**EP 17192813 A 20170925**; JP 2017175739 A 20170913; KR 20170047337 A 20170412; US 201715712786 A 20170922