

Title (en)

Gas turbine bucket dovetail

Title (de)

Schwalbenschwanzverbindung einer Gasturbinenschaufel für Turbinenrotoren

Title (fr)

Queue d'aronde d'une aube pour rotors de turbines

Publication

**EP 2246527 A2 20101103 (EN)**

Application

**EP 10161474 A 20100429**

Priority

US 43178209 A 20090429

Abstract (en)

Tangential entry dovetail cantilever load sharing is described herein. In one embodiment, a turbine bucket dovetail (210) is provided that facilitates substantially even distribution of centrifugal loads on a plurality of hooks (250) that define the bucket dovetail (210).

IPC 8 full level

**F01D 5/30** (2006.01)

CPC (source: EP US)

**F01D 5/3046** (2013.01 - EP US)

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 SM TR

DOCDB simple family (publication)

**EP 2246527 A2 20101103**; JP 2010261437 A 20101118; RU 2010116684 A 20111110; US 2010278652 A1 20101104

DOCDB simple family (application)

**EP 10161474 A 20100429**; JP 2010097475 A 20100421; RU 2010116684 A 20100428; US 43178209 A 20090429