

Title (en)

Turbine assembly and method for reducing fluid flow between turbine components

Title (de)

Turbinenanordnung und Verfahren zur Verringerung des Arbeitsstromes zwischen Turbinenkomponenten

Title (fr)

Ensemble de turbine et procédé permettant de réduire l'écoulement de fluide entre des composants de turbine

Publication

EP 2613009 A2 20130710 (EN)

Application

EP 12198421 A 20121220

Priority

US 201213343301 A 20120104

Abstract (en)

According to one aspect of the invention, a turbine assembly includes a first bucket with a first slashface and a second bucket (204) including a recess (224) formed in a second slashface (216) of the second bucket, wherein the second slashface is adjacent to the first slashface when the first bucket is positioned adjacent to the second bucket. The turbine assembly also includes a pin (206) configured to be placed in the recess, wherein the pin is magnetically urged toward the first slashface to reduce fluid flow between the first and second buckets.

IPC 8 full level

F01D 11/00 (2006.01)

CPC (source: EP US)

F01D 11/006 (2013.01 - EP US); **F05D 2240/55** (2013.01 - EP US); **F05D 2260/32** (2013.01 - EP US); **F05D 2300/507** (2013.01 - EP US)

Cited by

US10851661B2

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 2613009 A2 20130710; CN 103195488 A 20130710; JP 2013139792 A 20130718; RU 2012158304 A 20140710;
US 2013170944 A1 20130704

DOCDB simple family (application)

EP 12198421 A 20121220; CN 201310001624 A 20130104; JP 2012280448 A 20121225; RU 2012158304 A 20121227;
US 201213343301 A 20120104