

Title (en)
Turbine packing deflector

Title (de)
Turbinenabdichtungsabweiser

Title (fr)
Déflecteur d'étanchéité de turbine

Publication
EP 2620595 A1 20130731 (EN)

Application
EP 13152139 A 20130122

Priority
US 201213356840 A 20120124

Abstract (en)
A turbine includes a rotor (102) being rotatable about an axis, a circumferential array of nozzles (110) having circumferentially spaced airfoils (112) and inner (114) and outer bands disposed at opposite ends thereof, the inner band (114) having a leading portion (203) and a trailing portion (204), and an array of directors (126) arranged on the inner band (114), the array of directors (126) operative to direct a flow path (10) of fluid, the flow path (10) of fluid partially defined by the rotor (102) and the inner band (114).

IPC 8 full level
F01D 9/02 (2006.01); **F01D 9/04** (2006.01); **F01D 11/00** (2006.01)

CPC (source: EP US)
F01D 11/001 (2013.01 - EP US); **F05D 2240/12** (2013.01 - EP US)

Citation (search report)

- [XA] US 2008056895 A1 20080306 - SENOO SHIGEKI [JP]
- [XA] GB 2417053 A 20060215 - ROLLS ROYCE PLC [GB]
- [A] EP 0894944 A1 19990203 - SIEMENS AG [DE]

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

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EP 2620595 A1 20130731; CN 103216276 A 20130724; JP 2013151935 A 20130808; RU 2013102781 A 20140727;
US 2013189107 A1 20130725

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US 201213356840 A 20120124