

Title (en)
TURBINE ENGINE STAGE

Title (de)
TURBINENMOTORSTUFE

Title (fr)
ÉTAGE DE TURBOMACHINE

Publication
EP 2668372 A1 20131204 (FR)

Application
EP 12705373 A 20120125

Priority

- FR 1150680 A 20110128
- FR 2012050159 W 20120125

Abstract (en)
[origin: WO2012101380A1] The invention relates to a turbine engine stage, including a movable wheel supporting a plurality of vanes (18) surrounded, on the outside thereof, by a casing (66) provided, on the inner surface thereof, with a layer (70) of abradable material opposite the free ends of the vanes (18), characterized in that at least one planar sensor (54) for measuring play at the top of the vane is supported by the inner surface of the casing (66) and is covered by the layer (70) of abradable material.

IPC 8 full level
F01D 11/12 (2006.01); **F01D 21/00** (2006.01); **F04D 27/00** (2006.01); **G01B 7/14** (2006.01)

CPC (source: EP RU US)
F01D 11/12 (2013.01 - EP RU US); **F01D 21/003** (2013.01 - EP US); **F01D 25/24** (2013.01 - US); **F04D 27/001** (2013.01 - EP US);
F04D 29/164 (2013.01 - EP US); **G01B 1/00** (2013.01 - EP US); **G01B 7/14** (2013.01 - EP US); **Y02T 50/60** (2013.01 - EP US)

Citation (search report)
See references of WO 2012101380A1

Citation (examination)

- US 5942893 A 19990824 - TERPAY GREGORY WESTON [US]
- US 2006056960 A1 20060316 - SABOL STEPHEN M [US], et al

Cited by
RU2695239C1

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)
WO 2012101380 A1 20120802; BR 112013018594 A2 20160927; CA 2825260 A1 20120802; CN 103429850 A 20131204;
CN 103429850 B 20160615; EP 2668372 A1 20131204; FR 2971020 A1 20120803; FR 2971020 B1 20130208; RU 2013139738 A 20150310;
RU 2585154 C2 20160527; US 2013309063 A1 20131121

DOCDB simple family (application)
FR 2012050159 W 20120125; BR 112013018594 A 20120125; CA 2825260 A 20120125; CN 201280006284 A 20120125;
EP 12705373 A 20120125; FR 1150680 A 20110128; RU 2013139738 A 20120125; US 201213981797 A 20120125