

Title (en)
INSULATION OF A CIRCUMFERENTIAL EDGE OF AN OUTER CASING OF A TURBINE ENGINE FROM A CORRESPONDING RING SECTOR

Title (de)
ISOLIERUNG EINER UMLAUFENDEN KANTE EINES AUSSERGEHÄUSES EINES TURBINENMOTORS AUS EINEM ENTSPRECHENDEN RINGSEKTOR

Title (fr)
ISOLATION D'UN REBORD CIRCONFÉRENTIEL D'UN CARTER EXTERNE DE TURBOMACHINE VIS-À-VIS D'UN SECTEUR D'ANNEAU CORRESPONDANT

Publication
EP 2504529 B1 20131009 (FR)

Application
EP 10805261 A 20101124

Priority
• FR 0905657 A 20091125
• FR 2010052495 W 20101124

Abstract (en)
[origin: WO2011064496A1] The invention relates to a turbine stage of a turbine engine, including a rotor wheel mounted inside a sectorised ring supported by an outer casing (4), the outer casing (4) comprising at least one circumferential edge (22) housed in said cavity for attaching the downstream end (13) of the ring sector (6), characterised in that the bottom wall (16) of the annular cavity of the ring sector (6) is radially separated from the circumferential edge (22) of the outer casing (4), such as to leave a thermally insulating space between the two and comprises a means (24) for radial positioning on said circumferential edge (22).

IPC 8 full level
F01D 11/00 (2006.01); **F01D 25/24** (2006.01)

CPC (source: EP US)
F01D 11/005 (2013.01 - EP US); **F01D 25/246** (2013.01 - EP US)

Cited by
EP3078814A4; RU2645892C2

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)
FR 2952965 A1 20110527; FR 2952965 B1 20120309; BR 112012012393 A2 20160412; BR 112012012393 B1 20201110; CA 2781936 A1 20110603; CA 2781936 C 20171212; CN 102630268 A 20120808; CN 102630268 B 20150708; EP 2504529 A1 20121003; EP 2504529 B1 20131009; JP 2013512382 A 20130411; JP 5771217 B2 20150826; RU 2012126095 A 20131227; RU 2548535 C2 20150420; US 2012288362 A1 20121115; US 8961117 B2 20150224; WO 2011064496 A1 20110603

DOCDB simple family (application)
FR 0905657 A 20091125; BR 112012012393 A 20101124; CA 2781936 A 20101124; CN 201080053721 A 20101124; EP 10805261 A 20101124; FR 2010052495 W 20101124; JP 2012540478 A 20101124; RU 2012126095 A 20101124; US 201013511021 A 20101124