

Title (en)
CONTROL DEVICE FOR BLADE ADJUSTMENT

Title (de)
LEITVORRICHTUNG FÜR SCHAUFELVERSTELLUNG

Title (fr)
DISPOSITIF DE GUIDAGE POUR LE POSITIONNEMENT DE PALES

Publication
EP 2229508 A1 20100922 (DE)

Application
EP 09701799 A 20090112

Priority

- EP 2009050258 W 20090112
- EP 08150265 A 20080115
- EP 09701799 A 20090112

Abstract (en)
[origin: EP2080871A1] The device has fastening units (50) for fastening support rings (40) of a guiding device at a gas outlet housing (20). The support rings include bearing points (46) for receiving guide vane-shafts (42). The bearing points are radially arranged within a radius (r1), and the fastening units are radially arranged beyond a radius (r2), where the former radius is smaller than the latter radius. Rotatable guide vanes (41) are unevenly distributed along a circumference of the guiding device, where the guide vanes are in different distances to each other.

IPC 8 full level
F01D 17/16 (2006.01)

CPC (source: EP US)
F01D 17/162 (2013.01 - EP US); **F04D 29/563** (2013.01 - EP US); **F05D 2220/40** (2013.01 - EP US)

Citation (search report)
See references of WO 2009090149A1

Citation (examination)
US 3074689 A 19630122 - CHAPMAN WILLIAM I

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 TR

Designated extension state (EPC)
AL BA RS

DOCDB simple family (publication)
EP 2080871 A1 20090722; CN 101910566 A 20101208; EP 2229508 A1 20100922; JP 2011510207 A 20110331; JP 5123400 B2 20130123; KR 101265927 B1 20130520; KR 20100095642 A 20100831; US 2010278651 A1 20101104; US 8251647 B2 20120828; WO 2009090149 A1 20090723

DOCDB simple family (application)
EP 08150265 A 20080115; CN 200980102772 A 20090112; EP 09701799 A 20090112; EP 2009050258 W 20090112; JP 2010542606 A 20090112; KR 20107016534 A 20090112; US 83540110 A 20100713