

Title (en)

Variable turbine geometry for a charging device and corresponding charging device

Title (de)

Variable Turbinengeometrie für eine Ladeeinrichtung und entsprechende Ladeeinrichtung

Title (fr)

Géométrie de turbine variable pour un dispositif de charge et dispositif de charge associé

Publication

EP 2592239 A3 20150408 (DE)

Application

EP 12188149 A 20121011

Priority

- DE 102011086031 A 20111109
- DE 102012206855 A 20120425

Abstract (en)

[origin: EP2592239A2] The turbine (1) has guide vanes rotatably supported at a blade bearing ring (2), and a rotatable adjusting ring (5) for rotation of the guide vanes relative to the blade bearing ring. Radial plates (12) adjust and/or fix the adjusting ring in a radial direction and/or adjust a radial clearance (13) of the adjusting ring. The radial plates are eccentrically or asymmetrically formed with respect to a fastening retainer, where the radial plates are attached in the fastening retainer in a rotationally fixed manner and in an installation position.

IPC 8 full level

F01D 17/16 (2006.01)

CPC (source: EP)

F01D 17/165 (2013.01); **F05D 2220/40** (2013.01); **F05D 2260/38** (2013.01)

Citation (search report)

[X] US 4679984 A 19870714 - SWIHART WILLIAM R [US], et al

Cited by

EP3530884A1; US11187101B2; US10947861B2; WO2015067394A1

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 2592239 A2 20130515; EP 2592239 A3 20150408; EP 2592239 B1 20160323; CN 103104299 A 20130515; CN 103104299 B 20150701

DOCDB simple family (application)

EP 12188149 A 20121011; CN 201210440088 A 20121106