

Title (en)

Axial turbomachine with axially displaceable vane carrier

Title (de)

AXIALTURBOMASCHINE MIT AXIAL VERSCHIEBBAREM LEITSCHAUFELTRÄGER

Title (fr)

Turbomachine axiale avec support d'aube directrice axialement mobile

Publication

**EP 2411632 A1 20120201 (DE)**

Application

**EP 10713598 A 20100322**

Priority

- EP 2010053663 W 20100322
- EP 09004409 A 20090326
- EP 10713598 A 20100322

Abstract (en)

[origin: EP2233701A1] The turbomachine has a guide-blade carrier (10) mounted in a housing such that the carrier is displaced parallel to an axis of the turbomachine. An adjusting ring (16) is supported on the housing and on the carrier at contact surfaces of the ring, housing and carrier. The ring is rotated about the axis of the turbomachine. The contact surfaces are set with respect to a plane which is perpendicular to the axis such that the guide-blade carrier is displaced axially by the adjusting ring when the adjusting ring is rotated about the axis.

IPC 8 full level

**F01D 11/22** (2006.01)

CPC (source: EP US)

**F01D 11/22** (2013.01 - EP US); **F05D 2230/64** (2013.01 - EP US); **F05D 2230/644** (2013.01 - EP US); **F05D 2250/314** (2013.01 - EP US); **F05D 2260/50** (2013.01 - EP US)

Citation (search report)

See references of WO 2010108876A1

Cited by

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Designated contracting state (EPC)

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DOCDB simple family (publication)

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