

Title (en)

AXIAL SEGMENTED VANE SUPPORT FOR A GAS TURBINE

Title (de)

AXIAL SEGMENTIERTER LEITSCHAUFELTRÄGER FÜR EINE GASTURBINE

Title (fr)

SUPPORT D'AUBES STATORIQUE AXIALEMENT SEGMENTÉ D'UNE TURBINE À GAZ

Publication

**EP 2342427 A1 20110713 (DE)**

Application

**EP 09824439 A 20090910**

Priority

- EP 2009061744 W 20090910
- EP 08019365 A 20081105
- EP 09824439 A 20090910

Abstract (en)

[origin: EP2184445A1] The support (1) has axial segments (24) designed as a grid pipe structure (26) and casting parts (30), where the axial segments are welded with each other for forming a fixed structure. The grid pipe structure is provided with a sheet metal covering (28) at inner- and outer sides. The sheet metal covering is provided with cooling air holes. Material of the axial segments and/or the sheet metal covering is adapted to local thermal and mechanical loads during operation. Upper and lower segments are connected with each other by a flange.

IPC 8 full level

**F01D 9/04** (2006.01); **F01D 25/24** (2006.01)

CPC (source: EP US)

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Citation (search report)

See references of WO 2010052050A1

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