

Title (en)

AXIAL TURBINE FOR A GAS TURBINE

Title (de)

AXIALTURBINE FÜR EINE GASTURBINE MIT GERINGEM SPIEL ZWISCHEN SCHAUFELN UND GEHÄUSE

Title (fr)

TURBINE AXIALE POUR UNE TURBINE À GAZ

Publication

**EP 2297430 A1 20110323 (DE)**

Application

**EP 09797468 A 20090708**

Priority

- EP 2009058682 W 20090708
- EP 08012960 A 20080717
- EP 09797468 A 20090708

Abstract (en)

[origin: EP2146054A1] The axial flow turbine (1) has rotor blades (2) aerodynamically laid at their shovel points (13) in such a manner that the range is settled with a highest pressure load of the shovel points within the range of the front edges (3) during operation of the axial flow turbine. The rotor blades have a radial elevation (16) within the range of its front edges and an annular space wall (11) having a circulating radial recess (15) at an annular space inner side (12).

IPC 8 full level

**F01D 5/20** (2006.01); **F01D 5/14** (2006.01)

CPC (source: EP US)

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Citation (search report)

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