

Title (en)

VANE ASSEMBLY CONFIGURED FOR TURNING A FLOW IN A GAS TURBINE ENGINE, A STATOR COMPONENT COMPRISING THE VANE ASSEMBLY, A GAS TURBINE AND AN AIRCRAFT JET ENGINE

Title (de)

LEITSCHAUFELANORDNUNG, DIE ZUM DREHEN EINES STROMS IN EINEM GASTURBINENTRIEBWERK KONFIGURIERT IST, STATORKOMPONENTE MIT DER LEITSCHAUFELANORDNUNG, GASTURBINE UND FLUGZEUGSTRAHLTRIEBWERK

Title (fr)

ENSEMBLE D'AUBES CONFIGURÉES POUR FAIRE TOURNER UN ÉCOULEMENT DANS UN MOTEUR DE TURBINE À GAZ, UN COMPOSANT DE STATOR COMPRENANT L'ENSEMBLE D'AUBES, UNE TURBINE À GAZ ET UN MOTEUR À RÉACTION D'AVION

Publication

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Application

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Priority

SE 2006001292 W 20061114

Abstract (en)

[origin: WO2008060195A1] The invention relates to a vane assembly configured for turning a flow in a gas turbine engine comprising a stationary main guide vane (208) and an additional guide vane (210), wherein a leading edge (318) of the additional guide vane (210) is positioned upstream of a leading edge (310) of the main guide vane (208) and wherein the additional guide vane (210) extends a distance along the main guide vane (208) towards a trailing edge (312) of the main guide vane (208) forming a passageway (322) between the additional guide vane (210) and the main guide vane (208).

IPC 8 full level

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CPC (source: EP US)

F01D 5/146 (2013.01 - EP US); **F01D 9/041** (2013.01 - EP US); **F01D 9/065** (2013.01 - EP US); **Y02T 50/60** (2013.01 - EP US)

Citation (search report)

- [XA] JP 2000337101 A 20001205 - MITSUBISHI HEAVY IND LTD
- [X] WO 2005040559 A1 20050506 - PIETRICOLA PAOLO [IT]
- [X] GB 628263 A 19490825 - LOUIS BREGUET
- [X] US 2576700 A 19511127 - HEINRICH SCHNEIDER
- [X] GB 2176251 A 19861217 - GEN ELECTRIC
- [A] EP 1298286 A2 20030402 - GEN ELECTRIC [US]
- See references of WO 2008060195A1

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