

Title (en)

A SEALING ASSEMBLY FOR A VANE SET OF A GAS TURBINE ENGINE AND GAS TURBINE ENGINE COMPRISING SUCH A SEALING ASSEMBLY

Title (de)

DICHTUNGSANORDNUNG FÜR EINEN SCHAUFELSATZ EINES GASTURBINENMOTORS UND GASTURBINENMOTOR MIT EINER SOLCHEN DICHTUNGSANORDNUNG

Title (fr)

ENSEMBLE D'ÉTANCHÉITÉ POUR UN JEU D'AUBES D'UN MOTEUR À TURBINE À GAZ ET MOTEUR À TURBINE À GAZ COMPRENANT UN TEL ENSEMBLE D'ÉTANCHÉITÉ

Publication

EP 4019742 A1 20220629 (EN)

Application

EP 20425060 A 20201223

Priority

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Abstract (en)

A sealing assembly (12) for engaging a vane set (7) of a gas turbine engine has a U-shaped sector (13), which is configured for engaging at least one vane (7) so that the U-shaped sector (13) and the vane (7) enclose a plenum (10), which communicates to the outside trough at least one through hole (29) for conveying an airstream outside the plenum (10); and at least one cover plate (14) configured for being coupled to the U-shaped sector (13) for guiding said airstream in a given direction.

IPC 8 full level

F01D 9/06 (2006.01); **F01D 11/00** (2006.01)

CPC (source: CN EP)

F01D 9/041 (2013.01 - CN); **F01D 9/065** (2013.01 - EP); **F01D 11/00** (2013.01 - CN); **F01D 11/001** (2013.01 - EP); **F01D 25/12** (2013.01 - CN); **F05D 2230/51** (2013.01 - EP); **F05D 2260/205** (2013.01 - EP)

Citation (applicant)

EP 3663522 A1 20200610 - ANSALDO ENERGIA SPA [IT]

Citation (search report)

- [XDAI] EP 3663522 A1 20200610 - ANSALDO ENERGIA SPA [IT]
- [X] US 6082961 A 20000704 - ANDERSON GORDON [CH], et al
- [A] WO 2015104695 A1 20150716 - ANSALDO ENERGIA SPA [IT]
- [A] US 2019211698 A1 20190711 - KIM DONG HWA [KR]
- [A] JP H1026003 A 19980127 - HITACHI LTD
- [A] EP 3168426 A1 20170517 - GEN ELECTRIC [US]

Designated contracting state (EPC)

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