Title (en)

STATOR VANE SUPPORT SYSTEM WITHIN A GAS TURBINE ENGINE

Title (de)

LEITSCHAUFELTRÄGERSYSTEM IN EINEM GASTURBINENMOTOR

Title (fr)

SYSTÈME DE SUPPORT D'AUBE DE STATOR À L'INTÉRIEUR D'UN MOTEUR À TURBINE À GAZ

Publication

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Application

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Priority

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Abstract (en)

[origin: WO2015147821A1] A stator vane segment (10) including a connection system (12) that enables stator vane (14) alignment while enabling an individual stator vane (14) to be replaced is disclosed. The stator vane connection system (12) may include a radially extending inner support (26) extending from a stator vane (14), whereby the inner support (26) is secured to forward and aft inner rings via a removable, inner axial bolt (22). The stator vane connection system (12) may include one or more first inner pins (24) that aligns the stator vane (14) and is positioned within the portion of the inner support (26) of the stator vane (14) to which one or more inner axial bolts (22) are attached. The stator vane connection system (12) may include one or more first outer alignment pins (28) that aligns the stator vane (14) and is positioned within a portion of the outer diameter platform (48) of the stator vane (14), whereby the first outer alignment pin (28) aligns the stator vane (14).

IPC 8 full level

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