

Title (en)

ARRANGEMENT FOR AXIALLY AND RADIALY FIXING THE GUIDE VANES OF A VANE RING OF A GAS TURBINE

Title (de)

ANORDNUNG ZUM AXIALEN UND RADIALEN FIXIEREN DER LEITSCHAUFELN EINES LEITSCHAUFELKRANZES EINER GASTURBINE

Title (fr)

ENSEMBLE POUR LA FIXATION AXIALE ET RADIALE DES AUBES FIXES D'UN STATOR D'UNE TURBINE A GAZ

Publication

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Application

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Priority

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Abstract (en)

[origin: WO03102379A1] The invention relates to a gas turbine (10) comprising at least one vane ring having guide vanes (12) which are axially and radially fixed by means of detachable locking elements (18, 18', 18'', 30). Said locking elements comprise a peripheral ring (18) which is provided with projections (21) having an abutment surface (19) and fitting surfaces (20) and is embodied as a freely machinable component, in addition to a holding part (30) for each guide blade (12), said holding part engaging with a downstream peripheral ring (18''), in the corresponding recesses (27, 27') thereof. Spring shackles (35) are used to fix the holding parts (30) in their position determined by the locking elements.

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