

Title (en)

STATE MONITORING SYSTEM HAVING A BORESCOPE DEVICE FOR A GAS TURBINE

Title (de)

ZUSTANDSÜBERWACHUNGSSYSTEM MIT BOROSKOPEINRICHTUNG FÜR EINE GASTURBINE

Title (fr)

SYSTÈME DE SURVEILLANCE D'ÉTAT AVEC DISPOSITIF D'ENDOSCOPE INDUSTRIEL POUR TURBINE À GAZ

Publication

**EP 4077886 A1 20221026 (DE)**

Application

**EP 20839219 A 20201208**

Priority

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Abstract (en)

[origin: WO2021121457A1] The invention relates to a monitoring system (12) for a gas turbine (10), in particular for an aircraft engine. The monitoring system (12) comprises at least one borescope device (24) that is able to be mounted in a borescope opening (22) of a gas turbine housing (14) and has a housing (26) in which at least one optical sensor device (28) for acquiring images of at least one inner region of the gas turbine (10) is arranged, and an evaluation device (34) that is able to be coupled to the at least one borescope device (24) in order to exchange data and is designed to inspect the at least one inner region for the presence of a fault on the basis of the at least one image acquired by way of the sensor device (28). The invention furthermore relates to a borescope device (24), to an evaluation device (34) and to a gas turbine (10).

IPC 8 full level

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Citation (search report)

See references of WO 2021121457A1

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