

Title (en)

GAS TURBINE ENGINE WITH FAN VARIABLE AREA NOZZLE TO REDUCE FAN INSTABILITY

Title (de)

GASTURBINENMOTOR MIT LÜFTERDÜSE MIT VERÄNDERLICHEM BEREICH ZUR REDUZIERUNG DER LÜFTERINSTABILITÄT

Title (fr)

MOTEUR À TURBINE À GAZ ÉQUIPÉ D'UNE BUSE À SECTION VARIABLE POUR UN VENTILATEUR AFIN DE RÉDUIRE L'INSTABILITÉ DU VENTILATEUR

Publication

EP 2798187 A1 20141105 (EN)

Application

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Priority

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Abstract (en)

[origin: WO2013141933A1] A nacelle assembly for a high-bypass gas turbine engine according to an exemplary aspect of the present disclosure includes a core nacelle defined about an engine centerline axis, a fan nacelle mounted at least partially around the core nacelle to define a fan bypass flow path for a fan bypass airflow, a fan variable area nozzle axially movable relative the fan nacelle to vary a fan nozzle exit area and adjust a fan pressure ratio of the fan bypass airflow during engine operation, and a controller operable to control the fan variable area nozzle to vary a fan nozzle exit area and adjust the pressure ratio of the fan bypass airflow.

IPC 8 full level

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CPC (source: EP)

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