

Title (en)

METHOD FOR INCREASING AERODYNAMIC STABILITY OF A WORKING FLUID OF A COMPRESSOR

Title (de)

VERFAHREN ZUR ERHÖHUNG DER AERODYNAMISCHEN STABILITÄT EINER ARBEITSFLUIDSTRÖMUNG EINES VERDICHTERS

Title (fr)

PROCEDE POUR AUGMENTER LA STABILITE AERODYNAMIQUE D'UN COURANT DE FLUIDE ACTIF D'UN COMPRESSEUR

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Application

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Abstract (en)

[origin: WO2007000390A1] The invention relates to a method for increasing aerodynamic stability of a flow of working fluid of a compressor of a turbo machine, in particular, a compressor of a gas turbine which is used to produce a current, in particular, in relation to rapidly changing aerorotations of the compressor. The method consists of mixing a first water mass flow with the flow of working fluid (step 107). The invention also relates to a turbomachine, in particular a gas turbine (1), wherein said type of method is used.

IPC 8 full level

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Citation (search report)

See references of WO 2007000390A1

Citation (examination)

- US 2974482 A 19610314 - KELLEY GEORGE S
- US 6260350 B1 20010717 - HORII NOBUYUKI [JP], et al

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