

Title (en)

METHOD AND DEVICE FOR STABILIZING A COMPRESSOR CURRENT

Title (de)

VERFAHREN UND VORRICHTUNG ZUR STABILISIERUNG EINES VERDICHTERSTROMS

Title (fr)

PROCÉDÉ ET DISPOSITIF POUR STABILISER UN FLUX DE COMPRESSEUR

Publication

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Application

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Abstract (en)

[origin: WO2013107489A1] The invention relates to an air-assisted injection system for the compressor system of a turbo machine, wherein a recirculated or an externally fed primary mass flow requests a secondary mass flow from the outer region of the compressor housing utilizing the ejector effect, allows an effective stabilization of the compressor flow and counteracts a rotating flow separation on the compressor blades.

IPC 8 full level

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