

Title (en)

COMPRESSOR CASING COMPRISING CAVITIES HAVING AN OPTIMISED UPSTREAM SHAPE

Title (de)

VERDICHTERGEHÄUSE MIT HOHLRÄUMEN MIT EINER OPTIMISIERTEN AUFWÄRTSSTRÖMUNGSFORM

Title (fr)

CARTER DE COMPRESSEUR Á CAVITÉS A FORME AMONT OPTIMISÉE

Publication

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Application

EP 13742669 A 20130415

Priority

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Abstract (en)

[origin: WO2013156726A2] The invention relates to a casing for a turbine engine compressor, comprising: cavities (5) in the thickness of the casing, extending in parallel to one another from the inner face of the casing along a circumference thereof, said cavities not being in communication with one another. The cavities, which are elongate and extend along a main direction of orientation between two side walls, are closed upstream and downstream by upstream and downstream faces respectively, and an upstream border (7) and a downstream border (6) are formed at the intersections between same and the inner face of the casing (4). The casing is characterised in that the upstream border (7) of the cavities (5) takes the form of a wavy line comprising at least two alternate undulations over the length thereof between the aforementioned side walls. Figure pour l'abrégé : figure

IPC 8 full level

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Citation (search report)

See references of WO 2013156726A2

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