

Title (en)

DEVICE FOR DE-ICING AN AIRCRAFT TURBOJET ENGINE NACELLE AIR INTAKE LIP

Title (de)

VORRICHTUNG ZUR ENTEISUNG DER LUFTEINLASSLIPPE EINER TL-TRIEBWERKSGONDEL EINES FLUGZEUGS

Title (fr)

DISPOSITIF DE DÉGIVRAGE POUR LÈVRE D'ENTRÉE D'AIR DE NACELLE DE TURBORÉACTEUR D'AÉRONEF

Publication

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Application

EP 16787496 A 20160929

Priority

- FR 1559184 A 20150929
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Abstract (en)

[origin: CA2998954A1] The invention relates to a device (10) for de-icing an air intake lip (12) of an aircraft turbojet engine nacelle (14), the device (10) comprising a de-icing circuit in which a heat transfer fluid (22) circulates, said heat transfer fluid working in a two-phase form, the circuit comprising at least one device (26) for circulating the heat transfer fluid (22) in the de-icing circuit, a system (28) for heating the heat transfer fluid (22) and which is intended to change the phase of said fluid to a vapour phase, and an inlet conduit (30), for the heat transfer fluid (22), which opens into the lip (12) through the rear wall (18) in order to inject the vapour phase fluid (22) into the lip (12), the fluid changing phase when it condenses on the front wall (16) of the lip (12) to de-ice the lip (12).

IPC 8 full level

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Citation (search report)

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