

Title (en)
TURBINE ENGINE COMPRESSOR HAVING AIR INJECTORS

Title (de)
TURBINENMOTORVERDICHTER MIT LUFTINJEKTOREN

Title (fr)
COMPRESSEUR DE TURBOMACHINE AYANT DES INJECTEURS D'AIR

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Application
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Abstract (en)
[origin: WO2011023891A1] The invention relates to a turbine engine compressor, including a first housing (28a) for supporting the injectors, a second housing (28b) arranged around the first housing while forming an annular space (40) therewith, and a plurality of air injectors (38), each mounted in recesses. Each air injector has at least one inner air injection channel (48) which leads, on one side, into an outflow jet (26) of the gas stream and, on the other side, into the space formed between the housings, and, at an upstream end, an upstream rim (52) having an inner surface (52a) radially abutting against an upstream rim (44) of the corresponding recess of the first housing and an outer surface (52b) radially abutting against an inner surface of the second housing. A means for clamping the upstream rim of the air injectors between the housings enables the air injectors to be held in position in the recesses of the first housing.

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