

Title (en)

AERODYNAMIC SHROUD FOR THE DOME OF THE COMBUSTION CHAMBER OF A TURBOMACHINE

Title (de)

AERODYNAMISCHE VERKLEIDUNG FÜR DEN BODEN EINER BRENNKAMMER EINER TURBOMASCHINE

Title (fr)

CARÉNAGE AÉRODYNAMIQUE POUR FOND DE CHAMBRE DE COMBUSTION DE TURBOMACHINE

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Application

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Abstract (en)

[origin: WO2012035248A1] The invention relates to an annular shroud (42) having an inner face for covering the bottom wall (33) of an annular combustion chamber (12) of a turbomachine (14) with a centrifuge compressor, and an outer face opposing said inner face, and comprising a plurality of openings (54) for the passage of fuel injectors (38, 40) supported by said bottom wall (33), in addition to a plurality of raised elements (56) that respectively radially inwardly project from the outer face, from the respective radially inner edges (58) of said openings (54), in such a way that each of said raised elements (56) defines an extension (60) of the corresponding opening (54) that is radially open towards the outside in such a way as to form an air intake scoop.

IPC 8 full level

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