Title (en)

TURBINE ENGINE COMBUSTION CHAMBER COMPRISING IMPROVED PRIMARY AIR SUPPLY MEANS

Title (de)

TURBOMOTORBRENNKAMMER MIT EINER VERBESSERTEN PRIMÄRLUFT-ZUFUHREINRICHTUNG

Title (fr)

CHAMBRE DE COMBUSTION DE TURBOMACHINE COMPRENANT DES MOYENS AMELIORES D'ALIMENTATION EN AIR PRIMAIRE

Publication

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Application

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Abstract (en)

[origin: WO2010105999A1] The invention relates to an annular combustion chamber (10) for a turbine engine, comprising a chamber bottom (22), a plurality of air and fuel injection systems peripherally distributed about an axis (34) of the combustion chamber and mounted on the bottom of the chamber (22), and an air collector (100) which is associated with each injection system, said air collector comprising at least one wall (96, 98) mounted on the bottom of the chamber (22) and projecting upwardly in order to obstruct a peripheral air flow about the axis (34) of the combustion chamber. Said chamber also comprises an air inlet (88) formed at the upstream end of the air collector (100) and radially open towards the outside in relation to an axis (44) of the injection system.

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