

Title (en)
TURBINE ENGINE COMBUSTION ASSEMBLY

Title (de)
TURBINENMOTORVERBRENNUNGSANORDNUNG

Title (fr)
ENSEMBLE DE COMBUSTION DE TURBOMACHINE

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Application
EP 16701838 A 20160112

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Abstract (en)
[origin: WO2016113495A1] The invention relates to a turbine engine combustion assembly (20), which includes: an annular flame tube (21) including a front wall (23), a rear wall (24) and a bottom (22) arranged facing an engine shaft (30); an injection wheel (41) rotated by said engine shaft (30), partially projecting into the bottom (22) of the flame tube (21) and configured such as to spray fuel into the flame tube by centrifugation; and at least one injector (35), capable of depositing a film of fuel on said injection wheel (41), said combustion assembly being characterised in that said injector (35) is arranged so as to pass through said upstream area of the front wall (23) or the rear wall (24) of the flame tube (21), so that the injection opening thereof (37) opens into said tube (21), opposite the portion (43) of said injection wheel (41) which is located inside said flame tube (21).

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