

Title (en)

COMBUSTION CHAMBER MODULE WITH HEAT SHIELD AND BURNER SEAL AND MANUFACTURING METHOD

Title (de)

BRENNKAMMERBAUGRUPPE MIT HITZESCHILD UND BRENNERDICHTUNG SOWIE HERSTELLUNGSVERFAHREN

Title (fr)

ENSEMBLE CHAMBRE DE COMBUSTION POURVU DE BOUCLIER THERMIQUE ET JOINT DE BRÛLEUR AINSI QUE PROCÉDÉ DE FABRICATION

Publication

EP 3462089 B1 20200513 (DE)

Application

EP 18196251 A 20180924

Priority

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Abstract (en)

[origin: US2019093893A1] A combustion chamber assembly group includes a burner seal with a bearing section that extends along a longitudinal axis and has a passage hole for positioning a fuel nozzle at a combustion chamber of an engine, and a heat shield which, when mounted according to the intended use at the combustion chamber of the engine, is located inside the combustion space of the combustion chamber and has a passage hole through which the bearing section of the burner seal extends. The burner seal that is manufactured in an additive manner and the heat shield form a constructional unit in which the heat shield is received at least partially between a radially outwardly pointing opening edge of the burner seal and a radially outwardly extending web of the burner seal, so that any separation of the heat shield from the burner seal along the longitudinal axis is excluded.

IPC 8 full level

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