Title (en)

COMBUSTION CHAMBER

Title (de)

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Title (fr)

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Application

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Abstract (en)

[origin: WO2020148045A1] The invention relates to a combustion chamber (1), in particular a combustion chamber of a gas turbine, comprising a support structure (2), a plurality of retaining elements (3) fastened to the support structure (2), and a plurality of heat shield elements (8) which jointly form a heat shield and which each comprise a hot gas side (5), a cold gas side (6) and end faces (7) which interconnect the hot gas side (5) and the cold gas side (6), the retaining elements (3) interlockingly engaging in recesses (9) in the heat shield elements (8), characterized in that the retaining elements (3) each comprise at least two engagement portions (13) for interlockingly engaging in the recesses (9) in a heat shield element (8), which engagement portions are interconnected in a tensionally rigid manner and are tensionally rigid themselves, and in that spring elements (10) extend between the support structure (2) and the heat shield elements (8), which spring elements are designed in particular as leaf springs and effect a frictional connection between the engagement portions (13) of the retaining elements (3) and the heat shield elements (8).

IPC 8 full level

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