

Title (en)
Combustion chamber wall

Title (de)
Brennkammerwand

Title (fr)
Paroi de chambre de combustion

Publication
EP 0565442 B1 19960605 (FR)

Application
EP 93400907 A 19930407

Priority
FR 9204282 A 19920408

Abstract (en)
[origin: EP0565442A1] The invention relates to a combustion chamber comprising a pre-mixing chamber. According to the invention, the walls of this pre-mixing chamber comprise cells (26), the face of which delimiting the pre-mixing zone is made of a first material which is resistant to a maximum operating temperature, and which cells are filled with a second material, the melting temperature of which is comprised between normal and maximum operating temperatures, and the latent melting heat is greater than 400 kilojoule/kilogramme mass. One application is the production of a combustion chamber comprising injectors for the idling and full-gas operating states. <IMAGE>

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F23R 3/00; **F01D 5/18**

IPC 8 full level
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CPC (source: EP)
F01D 5/181 (2013.01); **F23R 3/002** (2013.01)

Cited by
US2018266688A1; EP1813781A1; EP3379149A1; US10627167B2; US11674396B2; US10697635B2; US11193720B2

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