

Title (en)

FLAME HOLDER FOR THE REHEATING SYSTEM OF A TURBO JET

Publication

EP 0235031 B1 19890920 (FR)

Application

EP 87400347 A 19870218

Priority

FR 8602699 A 19860227

Abstract (en)

[origin: US4802337A] A flameholder structure for a turbojet engine afterburner is disclosed in which a generally "V" shaped flameholder ring has a plurality of substantially radially extending fins attached to and extending radially outwardly from its outer surface. A portion of each of the fins is disposed at an angle to the gas flow so as to impart a cylindrical rotation to that portion of the flow passing over the fins. The cylindrical rotation of the flow increases the shear effect to thereby improve the stability of the flame front and increase the efficiency of the afterburner.

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IPC 8 full level

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CPC (source: EP US)

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Cited by

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