

Title (en)

Combustion chamber with adjustable passages for primary air

Title (de)

Brennkammer mit verstellbaren Primärluftzufuhrbohrungen

Title (fr)

Chambre de combustion comportant des passages réglables d'admission de comburant primaire

Publication

EP 0569300 B1 19960703 (FR)

Application

EP 93401166 A 19930506

Priority

FR 9205559 A 19920506

Abstract (en)

[origin: EP0569300A1] The invention relates to a combustion chamber comprising an axis (3) and external (1A) and internal (2A) walls defining a combustion enclosure, each of these walls being equipped with passages controlling the admission to the interior of the enclosure of primary air. According to the invention, these passages (21B) comprise first oblong orifices (10) contained in radial planes passing via the axis (3) of the combustion chamber and made in the wall (1A), closing means (13) passed through by second orifices (20) which are centred in the radial planes of the first orifices (10) and a control device (19-17-18) for the closing means (13) parallel to the axis (3), which is capable of effecting covering of each first orifice (10) by a second orifice (20). One application is making a low-pollution combustion chamber with stable idling. <IMAGE>

IPC 1-7

F23R 3/26; F23R 3/04

IPC 8 full level

F02C 3/30 (2006.01); **F23R 3/04** (2006.01); **F23R 3/26** (2006.01); **F23R 3/28** (2006.01)

CPC (source: EP US)

F23R 3/04 (2013.01 - EP US); **F23R 3/26** (2013.01 - EP US); **F05B 2250/41** (2013.01 - EP US); **F05B 2250/411** (2013.01 - EP US)

Cited by

US10895383B2

Designated contracting state (EPC)

DE FR GB

DOCDB simple family (publication)

EP 0569300 A1 19931110; EP 0569300 B1 19960703; DE 69303429 D1 19960808; DE 69303429 T2 19970130; FR 2690977 A1 19931112; FR 2690977 B1 19950901; JP 2853846 B2 19990203; JP H0626649 A 19940204; US 5317863 A 19940607

DOCDB simple family (application)

EP 93401166 A 19930506; DE 69303429 T 19930506; FR 9205559 A 19920506; JP 10565993 A 19930506; US 5749293 A 19930506