

Title (en)

METHOD AND APPARATUS FOR FEEDING EXPLOSIVE GASES TO A COMBUSTION SPACE

Publication

EP 0002732 B1 19820310 (DE)

Application

EP 78101673 A 19781214

Priority

DE 2758819 A 19771230

Abstract (en)

[origin: US4288211A] When explosive gases are introduced into a combustion chamber care must be taken that no pre-ignition occurs. To this end, the gas is spatially subdivided into discrete volume elements, for example by means of a bundle of tubes having an internal diameter which does not exceed twice the quenching distance of the explosive gases. Such a division ensures that the wall distances of the gas portions of one volume element are greater than their quenching distances.

IPC 1-7

F23D 13/46; **F23G 7/06**

IPC 8 full level

F23D 14/82 (2006.01); **F23G 7/06** (2006.01)

CPC (source: EP US)

F23D 14/82 (2013.01 - EP US); **F23G 7/065** (2013.01 - EP US); **F23G 2209/141** (2013.01 - EP US)

Cited by

EP0117864A1; FR2683297A1

Designated contracting state (EPC)

DE FR GB

DOCDB simple family (publication)

EP 0002732 A2 19790711; **EP 0002732 A3 19790808**; **EP 0002732 B1 19820310**; DE 2758819 A1 19790712; DE 2861663 D1 19820408; US 4288211 A 19810908

DOCDB simple family (application)

EP 78101673 A 19781214; DE 2758819 A 19771230; DE 2861663 T 19781214; US 97358578 A 19781227