

Title (en)

Testing device for gas pilot light

Title (de)

Testvorrichtung für Zündbrenner

Title (fr)

Appareil de contrôle pour brûleur d'allumage

Publication

EP 0733860 A2 19960925 (EN)

Application

EP 96301921 A 19960320

Priority

GB 9505632 A 19950321

Abstract (en)

A portable device for testing the performance of an oxygen-depletion-sensing pilot light jet comprising a reservoir for containing a gas mixture which has an oxygen content just below the level at which the oxygen-depletion-sensing pilot light should safely operate, a gas mixture flow control means in communication or communicable with gas mixture applicator means; said applicator means in a first arrangement permitting said gas mixture to flow from said flow control means to atmosphere at ambient pressure and said applicator means including a supply duct locatable adjacent and/or over the air inlet aperture of an oxygen-depletion-sensing pilot light jet to supply said gas mixture thereto at ambient atmospheric pressure, or in a second arrangement said applicator means comprising a housing locatable to surround an oxygen-depletion-sensing pilot light jet and the air inlet aperture therefor and preferably also the ignition means for the pilot light, to enable supply said gas mixture to the air inlet aperture and to provide said gas mixture as a localised ambient environment to the pilot light.

IPC 1-7

F23Q 23/08; **F23Q 9/04**

IPC 8 full level

F23Q 9/04 (2006.01); **F23Q 23/08** (2006.01)

CPC (source: EP)

F23Q 9/04 (2013.01); **F23Q 23/08** (2013.01); **F23N 2227/12** (2020.01); **F23N 2227/16** (2020.01); **F23N 2229/00** (2020.01); **F23N 2231/10** (2020.01)

Cited by

EP0997688A3

Designated contracting state (EPC)

DE ES FR IT NL PT

DOCDB simple family (publication)

EP 0733860 A2 19960925; **EP 0733860 A3 19980422**; **EP 0733860 B1 20020605**; DE 69621504 D1 20020711; DE 69621504 T2 20030213; ES 2177726 T3 20021216; GB 2299193 A 19960925; GB 2299193 B 19990922; GB 2299194 A 19960925; GB 2299194 B 19990922; GB 9505632 D0 19950510; GB 9605844 D0 19960522; PT 733860 E 20021031

DOCDB simple family (application)

EP 96301921 A 19960320; DE 69621504 T 19960320; ES 96301921 T 19960320; GB 9505632 A 19950321; GB 9605844 A 19960320; PT 96301921 T 19960320