

Title (en)  
Combustion device

Title (de)  
Verbrennungsvorrichtung

Title (fr)  
Dispositif de combustion

Publication  
**EP 0950854 B1 20030702 (EN)**

Application  
**EP 99302774 A 19990409**

Priority  
• JP 9897698 A 19980410  
• JP 8539799 A 19990329

Abstract (en)  
[origin: EP0950854A2] A combustion device has a ceramic burner (3) comprising a porous ceramic plate having a plurality of burner ports (32) defined therein, an electrically conductive layer (7) disposed on a surface of the ceramic burner where flames are produced, an electric conductor (8) disposed in facing relation to the electrically conductive layer, and an ignition detector (9) for detecting a flame current flowing through the flames (F) to detect an ignition when a voltage is applied between the electrically conductive layer and the electric conductor. The electrically conductive layer is made of an electrically conductive perovskite-type metal oxide. <IMAGE>

IPC 1-7  
**F23D 14/72**; **F23Q 9/00**; **F23N 5/12**

IPC 8 full level  
**F23D 14/14** (2006.01); **F23D 14/72** (2006.01); **F23N 5/12** (2006.01)

CPC (source: EP KR)  
**F23D 14/14** (2013.01 - KR); **F23D 14/18** (2013.01 - KR); **F23D 14/725** (2013.01 - EP KR); **F23D 2203/102** (2013.01 - EP KR); **F23D 2203/105** (2013.01 - EP KR); **F23D 2212/105** (2013.01 - EP KR)

Cited by  
DE102004021093B3; EP1582811A3; NL1025986C2; WO2012016812A1; WO2007059991A1

Designated contracting state (EPC)  
DE ES FR GB IT NL

DOCDB simple family (publication)  
**EP 0950854 A2 19991020**; **EP 0950854 A3 20000301**; **EP 0950854 B1 20030702**; DE 69909167 D1 20030807; DE 69909167 T2 20040108; ES 2201634 T3 20040316; JP H11351521 A 19991224; KR 100594677 B1 20060628; KR 19990083117 A 19991125

DOCDB simple family (application)  
**EP 99302774 A 19990409**; DE 69909167 T 19990409; ES 99302774 T 19990409; JP 8539799 A 19990329; KR 19990012662 A 19990410