

Title (en)
Combustion device

Title (de)
Verbrennungsvorrichtung

Title (fr)
Dispositif de combustion

Publication
EP 0950854 A3 20000301 (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
F23N 5/12 (2006.01); **F23D 14/14** (2006.01); **F23D 14/72** (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)

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