

Title (en)  
BURNER WITH A PROTECTIVE ELEMENT FOR IGNITION ELECTRODES

Title (de)  
BRENNER MIT EINEM SCHUTZELEMENT FÜR ZÜNDELEKTRODEN

Title (fr)  
BRULEUR DOTE D'UN ELEMENT DE PROTECTION POUR DES ELECTRODES D'ALLUMAGE

Publication  
**EP 2054669 A1 20090506 (DE)**

Application  
**EP 07788421 A 20070814**

Priority  
• EP 2007058411 W 20070814  
• EP 06017534 A 20060823  
• EP 07788421 A 20070814

Abstract (en)  
[origin: EP1892474A1] The burner (2) for gas turbines has a protective sleeve (8) over its ignition electrode (7). The sleeve has a U-shaped cross-section.

IPC 8 full level  
**F23Q 3/00** (2006.01); **F23Q 7/24** (2006.01); **F23Q 9/00** (2006.01)

CPC (source: EP KR US)  
**F23Q 3/006** (2013.01 - EP KR US); **F23Q 7/24** (2013.01 - EP KR US); **F23Q 9/00** (2013.01 - EP KR US)

Citation (search report)  
See references of WO 2008022948A1

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)  
AL BA HR MK RS

DOCDB simple family (publication)  
**EP 1892474 A1 20080227**; AT E462933 T1 20100415; CN 101501401 A 20090805; CN 101501401 B 20110126;  
DE 502007003342 D1 20100512; EP 2054669 A1 20090506; EP 2054669 B1 20100331; ES 2342500 T3 20100707; JP 2010501767 A 20100121;  
JP 2012107624 A 20120607; JP 5484436 B2 20140507; KR 101391212 B1 20140502; KR 20090048508 A 20090513;  
PT 2054669 E 20100421; RU 2009110175 A 20100927; RU 2439433 C2 20120110; US 2011120077 A1 20110526; US 8327616 B2 20121211;  
WO 2008022948 A1 20080228

DOCDB simple family (application)  
**EP 06017534 A 20060823**; AT 07788421 T 20070814; CN 200780028938 A 20070814; DE 502007003342 T 20070814;  
EP 07788421 A 20070814; EP 2007058411 W 20070814; ES 07788421 T 20070814; JP 2009525023 A 20070814; JP 2011281519 A 20111222;  
KR 20097005879 A 20070814; PT 07788421 T 20070814; RU 2009110175 A 20070814; US 31028407 A 20070814