

Title (en)  
SPARK PLUG FOR AN INTERNAL COMBUSTION ENGINE

Title (de)  
ZÜNDKERZE FÜR EINE BRENNKRAFTMASCHINE

Title (fr)  
BOUGIE D'ALLUMAGE D'UN MOTEUR A COMBUSTION INTERNE

Publication  
**EP 1116308 B1 20021218 (DE)**

Application  
**EP 00960308 A 20000722**

Priority  

- DE 0002409 W 20000722
- DE 19935676 A 19990729
- DE 19939319 A 19990819

Abstract (en)  
[origin: US6628051B1] A spark plug having a ceramic insulator, which contains a precious-metal center electrode in a cylindrical, axial opening, at the end on the side of the combustion chamber. A contact pin is arranged in the cylindrical opening, downstream from the precious-metal center electrode, in the direction of the insulator end away from the combustion chamber. To reduce corrosion, the surface of the contact pin is provided with a layer of one or more metal aluminides.

IPC 1-7  
**H01T 13/39**

IPC 8 full level  
**H01T 13/02** (2006.01); **H01T 13/20** (2006.01); **H01T 13/39** (2006.01)

CPC (source: EP US)  
**H01T 13/39** (2013.01 - EP US)

Designated contracting state (EPC)  
DE FR GB

DOCDB simple family (publication)  
**US 6628051 B1 20030930**; BR 0006701 A 20010417; EP 1116308 A1 20010718; EP 1116308 B1 20021218; JP 2003506835 A 20030218; JP 4532802 B2 20100825; WO 0109998 A1 20010208

DOCDB simple family (application)  
**US 80613201 A 20010514**; BR 0006701 A 20000722; DE 0002409 W 20000722; EP 00960308 A 20000722; JP 2001514519 A 20000722