

Title (en)  
Spark plug

Title (de)  
Zündkerze

Title (fr)  
Bougie d'allumage

Publication  
**EP 2053711 A2 20090429 (EN)**

Application  
**EP 08466027 A 20081022**

Priority  
CZ 2007738 A 20071023

Abstract (en)  
The spark plug, especially for the spark ignition piston engine, comprising the center electrode of spark-gap and the shell forming the second electrode of spark-gap and provided with means for connection of the spark plug to dead space of cylinder in combustion engine, while inside the shell the ignition chamber is performed, whose face adjacent to the dead space of the cylinder being respective to the spark plug comprises at least one connecting orifice. The center electrode is passing through the space of ignition chamber and it finishes in the connecting orifice in the face of ignition chamber, while between surface of circumference of the connecting orifice and surface of circumference of the end of center electrode there is the gap.

IPC 8 full level  
**H01T 13/32** (2006.01); **H01T 13/46** (2006.01)

CPC (source: EP)  
**H01T 13/32** (2013.01); **H01T 13/467** (2013.01)

Citation (applicant)  

- DE 19714796 A1 19981015 - LATSCH REINHARD DR ING [DE]
- DE 102005017186 A1 20061019 - MULTITORCH GMBH [DE]
- JP 2006144648 A 20060608 - NISSAN MOTOR
- US 2005211217 A1 20050929 - BOLEY WILLIAM C [US], et al

Cited by  
CN105529616A; AT516825A5; AT516825B1; DE102016117149B4; US9225151B2

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)  
AL BA MK RS

DOCDB simple family (publication)  
**EP 2053711 A2 20090429; EP 2053711 A3 20120530; CZ 2007738 A3 20090506**

DOCDB simple family (application)  
**EP 08466027 A 20081022; CZ 2007738 A 20071023**