

Title (en)
Spark plug

Title (de)
Zündkerze

Title (fr)
Bougie d'allumage

Publication
EP 1385242 A1 20040128 (DE)

Application
EP 03014237 A 20030625

Priority
AT 11072002 A 20020722

Abstract (en)
The ignition plug has an insulator body (1) and a central electrode (2) at least partly mounted in a bore in the insulator body, whereby the central electrode is sealed relative to the insulator by at least one sealing ring (10) enclosing it. The sealing ring has a material that is plastically deformable when compressed. The sealing ring has a metal or an alloy of a metal. AN Independent claim is also included for the following: (a) a method of manufacturing an inventive ignition plug.

Abstract (de)
Zündkerze mit einem, insbesondere keramischen, Isolatorkörper und einer Mittelelektrode, welche zumindest teilweise in einer Bohrung im Isolatorkörper gelagert ist, wobei die Mittelelektrode - vorzugsweise ausschließlich - durch mindestens einen sie umgreifenden Dichtring gegenüber dem Isolatorkörper abgedichtet ist, wobei der Dichtring durch Verpressen plastisch verformbares Material aufweist. <IMAGE>

IPC 1-7
H01T 13/34; **H01T 21/02**

IPC 8 full level
F02P 13/00 (2006.01); **H01T 13/34** (2006.01); **H01T 21/02** (2006.01)

CPC (source: EP US)
H01T 13/34 (2013.01 - EP US); **H01T 21/02** (2013.01 - EP US)

Citation (search report)

- [X] FR 919328 A 19470305
- [A] US 5569971 A 19961029 - CLIFFORD GERALD R [US], et al
- [A] US 4136259 A 19790123 - DJEDDAH JACQUES L
- [DA] US 4563158 A 19860107 - MEYER HELMUT P [US]

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CN102089946A; DE102017202238B3

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

DOCDB simple family (publication)
EP 1385242 A1 20040128; **EP 1385242 B1 20050202**; AT E288632 T1 20050215; DE 50300292 D1 20050310; DK 1385242 T3 20050606; ES 2235130 T3 20050701; JP 2004103565 A 20040402; MX PA03006513 A 20041203; US 2005174026 A1 20050811; US 7105991 B2 20060912

DOCDB simple family (application)
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