

Title (en)
SPARK PLUG

Title (de)
ZUNDKERZE

Title (fr)
BOUGIE D'ALLUMAGE

Publication
EP 2062338 A1 20090527 (DE)

Application
EP 07801622 A 20070813

Priority
• EP 2007007127 W 20070813
• DE 102006043593 A 20060916

Abstract (en)
[origin: WO2008031482A1] The invention relates to a spark plug for igniting a combustible gas mixture in an internal combustion engine, comprising an ignition electrode (4), an electrical supply line (5), to which the ignition electrode (4) is connected, an insulator body (6), through which the supply line (5) is passed, a housing head (2), which rests in sealing fashion on the insulator body (6) and bears an outer thread (3) for the purpose of screwing it into an internal combustion engine, a tube housing (9), which is fixed on the housing head (2), surrounds the insulator body (6) and has a hexagon head (13). The invention provides that the tube housing (9) surrounds an insulator body holder (7), which is welded to the housing head (2) and presses the insulator body (6) with a prestress against the housing head (2).

IPC 8 full level
H01T 13/36 (2006.01); **H01T 13/54** (2006.01)

CPC (source: EP US)
H01T 13/36 (2013.01 - EP US)

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)
WO 2008031482 A1 20080320; AT E450911 T1 20091215; DE 102006043593 B3 20080410; DE 502007002224 D1 20100114;
DK 2062338 T3 20100406; EP 2062338 A1 20090527; EP 2062338 B1 20091202; ES 2337524 T3 20100426; PT 2062338 E 20100211;
US 2010001626 A1 20100107; US 8053964 B2 20111108

DOCDB simple family (application)
EP 2007007127 W 20070813; AT 07801622 T 20070813; DE 102006043593 A 20060916; DE 502007002224 T 20070813;
DK 07801622 T 20070813; EP 07801622 A 20070813; ES 07801622 T 20070813; PT 07801622 T 20070813; US 31090507 A 20070813