

Title (en)
SPARK PLUG

Title (de)
ZÜNDKERZE

Title (fr)
BOUGIE D'ALLUMAGE

Publication
EP 3214706 B1 20191002 (EN)

Application
EP 17156798 A 20170220

Priority
JP 2016040507 A 20160302

Abstract (en)
[origin: EP3214706A1] A spark plug includes: a center electrode (20) extending in a direction of an axis (CL); an insulator that has an axial bore and holds the center electrode (20) in the axial bore; a metal shell (50) that is disposed around the insulator in a radial direction and holds the insulator; and a ground electrode (30) that is electrically connected to the metal shell (50) and forms a gap between the ground electrode (30) and the center electrode (20). The metal shell (50) includes a front end tube portion (55) having a through hole (551) extending therethrough from an outer circumferential surface to an inner circumferential surface thereof and through which gas drawn into the combustion chamber passes, and a front edge (TP) of the insulator can be visually confirmed when seen from a first opening (OP1) of the through hole (551) on the outer circumferential surface side toward a second opening (OP2) of the through hole (551) on the inner circumferential surface side.

IPC 8 full level
H01T 13/16 (2006.01)

CPC (source: CN EP)
H01T 13/16 (2013.01 - EP); **H01T 13/34** (2013.01 - CN)

Cited by
US2022360051A1; US11715933B2; US10938184B2

Designated contracting state (EPC)
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EP 17156798 A 20170220; CN 201710102885 A 20170224; JP 2016040507 A 20160302