

Title (en)
Ignition plug

Title (de)
Zündkerze

Title (fr)
Bougie d'allumage

Publication
EP 2854243 B1 20181031 (EN)

Application
EP 14186862 A 20140929

Priority
JP 2013202872 A 20130930

Abstract (en)
[origin: EP2854243A1] An ignition plug (1) includes an insulator (2) having an axial hole (4) extending therethrough in the direction of an axial line (CL1), a center electrode (5) inserted into a forward end portion of the axial hole (4), and a metallic shell (3) disposed externally of the insulator (2). The insulator (2) includes a step portion (14) engaged with an inner circumferential portion of the metallic shell (3) and a leg portion (13) extending forward from the forward end of the step portion (14). The porosity of the leg portion (13) is 3.0% or less. Of three regions of the leg portion (13) obtained by radially trisecting it in a cross section perpendicular to the axial line (CL1), the outermost region is defined as a first region (AR1) and the innermost region is defined as a second region (AR2). The porosity of the first region (AR1) is equal to or more than 1.20 times the porosity of the second region (AR2).

IPC 8 full level
H01T 13/20 (2006.01); **H01T 13/38** (2006.01)

CPC (source: EP)
H01T 13/20 (2013.01); **H01T 13/38** (2013.01)

Cited by
US12095234B2; US12095233B1

Designated contracting state (EPC)
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EP 2854243 A1 20150401; **EP 2854243 B1 20181031**; CN 104518427 A 20150415; JP 2015069828 A 20150413; JP 5870074 B2 20160224

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