

Title (en)
Glow plug

Title (de)
Glühkerze

Title (fr)
Bougie d'incandescence

Publication
EP 2873919 A1 20150520 (EN)

Application
EP 14191847 A 20141105

Priority
JP 2013237005 A 20131115

Abstract (en)
A glow plug (10), comprising: a heating unit (820); and a sheath tube (810) including a tube portion (860) and a welded portion (850), the tube portion (860) being disposed at an outer circumference of the heating unit (820) and extending in an axial direction, the welded portion (850) containing at least a main constituent of the tube portion (860) and a main constituent of the heating unit (820) and closing a front end of the tube portion (860), wherein at least one of the tube portion (860) and the heating unit (820) contains aluminium, and the welded portion (850) contains aluminium at a content ratio of less than 5 % by mass at a part near a boundary with the tube portion (860).

IPC 8 full level
F23Q 7/00 (2006.01)

CPC (source: EP)
F23Q 7/001 (2013.01)

Citation (applicant)
JP 4288850 B2 20090701

Citation (search report)
• [XI] JP 2011038720 A 20110224 - NGK SPARK PLUG CO
• [X] EP 2410243 A2 20120125 - NGK SPARK PLUG CO [JP]

Designated contracting state (EPC)
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EP 2873919 A1 20150520; EP 2873919 B1 20190109; JP 2015096786 A 20150521; JP 6374651 B2 20180815

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