

Title (en)
Glow plug

Title (de)
Glühkerze

Title (fr)
Bougie d'incandescence

Publication
EP 2873920 A1 20150520 (EN)

Application
EP 14191865 A 20141105

Priority
• JP 2013237001 A 20131115
• JP 2014180915 A 20140905

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 blocking a front end portion (811) of the tube portion (850). In a range of 0.03 mm or more to 0.5 mm or less from a surface of the welded portion (860) to an inside of the surface, an average content ratio of aluminum is 2.5 mass% or less.

IPC 8 full level
F23Q 7/00 (2006.01)

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

Citation (applicant)
JP 2004264013 A 20040924 - NGK SPARK PLUG CO

Citation (search report)
• [X1] JP 2011038720 A 20110224 - NGK SPARK PLUG CO
• [X1] EP 2410243 A2 20120125 - NGK SPARK PLUG CO [JP]

Cited by
EP3012530A1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 2873920 A1 20150520; EP 2873920 B1 20190109; JP 2015117930 A 20150625; JP 6393124 B2 20180919

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EP 14191865 A 20141105; JP 2014180915 A 20140905