

Title (en)
Glow plug

Title (de)
Glühkerze

Title (fr)
Bougie à incandescence

Publication
EP 1026447 A2 20000809 (EN)

Application
EP 99310206 A 19991216

Priority
JP 2699499 A 19990204

Abstract (en)
The metallic shell (20) of a glow plug has a cylindrical male-threaded portion (21) and a tightening portion (22). The tightening portion (22) is formed to have an outer circumferential surface of a shape corresponding to that of a 12-point nut. By virtue of this structure, the tightening portion (22) can have a greater wall thickness as compared with a conventional tightening portion which has an outer circumferential surface of a shape corresponding to that of a hexagon nut. Therefore, it becomes possible to make the glow plug thinner, while maintaining the strength of the tightening portion (22). <IMAGE> <IMAGE>

IPC 1-7
F23Q 7/00

IPC 8 full level
F23Q 7/00 (2006.01); **H01R 13/11** (2006.01)

CPC (source: EP KR)
F23Q 7/001 (2013.01 - EP); **H01R 13/11** (2013.01 - KR)

Cited by
EP2631542A3

Designated contracting state (EPC)
DE FR GB IT

DOCDB simple family (publication)
EP 1026447 A2 20000809; **EP 1026447 A3 20040825**; **EP 1026447 B1 20071114**; DE 69937539 D1 20071227; DE 69937539 T2 20080918; JP 2000227220 A 20000815; JP 4128295 B2 20080730; KR 100678292 B1 20070201; KR 20000057030 A 20000915

DOCDB simple family (application)
EP 99310206 A 19991216; DE 69937539 T 19991216; JP 2699499 A 19990204; KR 19990054219 A 19991201