

Title (en)
SPARK PLUG ELECTRODE AND ITS METHOD OF MANUFACTURE

Publication
EP 0054374 A3 19820721 (EN)

Application
EP 81305642 A 19811127

Priority
GB 8039567 A 19801210

Abstract (en)
[origin: EP0054374A2] In a method of making a spark plug centre electrode, a billet (12) of a first metal which has good thermal conductivity is placed within a cup-shaped billet (10) of a second metal having good corrosion resistance, the first metal being melted within the cup-shaped billet of the second metal and, subsequent to cooling, the composite billet is extruded through an extrusion die (17) to form a composite centre electrode in which a core of the first metal is enclosed substantially entirely within a sheath of the second metal.

IPC 1-7
B21C 23/22; **B21K 21/08**; **H01T 13/20**

IPC 8 full level
B21C 23/22 (2006.01); **H01T 13/39** (2006.01); **H01T 21/02** (2006.01)

CPC (source: EP)
B21C 23/22 (2013.01); **H01T 13/39** (2013.01); **H01T 21/02** (2013.01)

Citation (search report)

- [XD] GB 2037190 A 19800709 - GKN FLOFORM LTD
- [AD] GB 754591 A 19560808 - BOSCH GMBH ROBERT
- [X] DE 2238283 A1 19731025 - NIPPON DENSO CO
- [A] GB 2024665 A 19800116 - FORD MOTOR CO
- [A] DE 2755120 A1 19790613 - ATOMIC ENERGY AUTHORITY UK
- [A] DE 1941979 B2 19800410

Cited by
CN108270149A; GB2172223A

Designated contracting state (EPC)
BE DE FR GB IT

DOCDB simple family (publication)
EP 0054374 A2 19820623; **EP 0054374 A3 19820721**; **EP 0054374 B1 19850313**; AU 551102 B2 19860417; AU 7813781 A 19820617; CA 1203510 A 19860422; DE 3169299 D1 19850418; GB 2088753 A 19820616; GB 2088753 B 19840201; NZ 199163 A 19840928; ZA 818375 B 19821124

DOCDB simple family (application)
EP 81305642 A 19811127; AU 7813781 A 19811201; CA 391650 A 19811207; DE 3169299 T 19811127; GB 8039567 A 19801210; NZ 19916381 A 19811203; ZA 818375 A 19811203