

Title (en)

Spark plug electrode and its method of manufacture.

Title (de)

Zündkerzenelektrode und Verfahren zu ihrer Herstellung.

Title (fr)

Electrode de bougie et procédé pour sa fabrication.

Publication

EP 0054374 A2 19820623 (EN)

Application

EP 81305642 A 19811127

Priority

GB 8039567 A 19801210

Abstract (en)

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)

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