

Title (en)

Method for manufacturing a center electrode for use in a spark plug.

Title (de)

Verfahren zur Herstellung einer Mittelelektrode für den Gebrauch in einer Zündkerze.

Title (fr)

Méthode de fabrication d'une électrode centrale pour utilisation dans une bougie d'allumage.

Publication

EP 0044764 A1 19820127 (EN)

Application

EP 81401072 A 19810703

Priority

US 16970880 A 19800717

Abstract (en)

A method for manufacturing an inconel and copper electrode for use in a spark plug characterized by the steps of lubricating a piece of inconel wire prior to forming the inconel into a cup-shaped piece (3) having a copper core (9) extending from only one end of the inconel.

IPC 1-7

H01T 21/02; H01T 13/20

IPC 8 full level

B21K 21/08 (2006.01); **H01T 13/20** (2006.01); **H01T 21/02** (2006.01)

CPC (source: EP)

B21K 21/08 (2013.01); **H01T 13/20** (2013.01); **H01T 21/02** (2013.01)

Citation (search report)

- US 3857145 A 19741231 - YAMAGUCHI T, et al
- DE 3036226 A1 19810423 - CHAMPION SPARK PLUG CO [US]
- FR 2467497 A1 19810417 - CHAMPION SPARK PLUG CO [US]
- GB 1459641 A 19761222 - CATERPILLAR TRACTOR CO
- GB 558405 A 19440104 - GEN MOTORS CORP
- GB 2024665 A 19800116 - FORD MOTOR CO
- GB 2060454 A 19810507 - CHAMPION SPARK PLUG CO
- GB 2037190 A 19800709 - GKN FLOFORM LTD
- FR 2412186 A1 19790713 - ATOMIC ENERGY AUTHORITY UK [GB]
- DE 2638949 A1 19780302 - BOSCH GMBH ROBERT

Cited by

US4606730A; US4585421A; EP3322050A1; CN108075359A; US10847952B2

Designated contracting state (EPC)

DE FR GB IT

DOCDB simple family (publication)

EP 0044764 A1 19820127; JP S5753086 A 19820329

DOCDB simple family (application)

EP 81401072 A 19810703; JP 11204381 A 19810717