

Title (en)
PROCESS FOR MAKING ELECTRODES FOR SPARKING PLUGS AND SPARKING PLUG ELECTRODES

Title (de)
VERFAHREN ZUR HERSTELLUNG VON ELEKTRODEN FÜR ZÜNDKERZEN SOWIE ZÜNDKERZEN-ELEKTRODEN

Title (fr)
PROCEDE POUR LA FABRICATION D'ELECTRODES POUR BOUGIES D'ALLUMAGE AINSI QUE LESDITES ELECTRODES DE BOUGIE

Publication
EP 0505368 B1 19960207 (DE)

Application
EP 90916240 A 19901113

Priority

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- DE 3941649 A 19891216

Abstract (en)
[origin: DE3941649A1] The invention relates to a process for making a long-lasting, sturdy sparking plug for internal combustion engines. The sparking plug electrode (16) of the invention consists of several components: one for a corrosion resistant casing (31'), one for a highly heat-conductive core (33') and one for a burning resistant region (32'). These components are extruded together to produce an electrode blank which is shaped to form the central electrode (16) by machining its head (51) and its region on the combustion chamber side. Particularly heavily loaded electrodes are given a fourth component to be extruded with the others, consisting of highly burning resistant material and arranged in front of the burning resistant region (32') on the combustion chamber side. The electrode (16) is usable as the central electrode (16) and possibly also as an earth electrode after undergoing a stamping and bending process.

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DE 3941649 A1 19910620; AU 638540 B2 19930701; AU 7043091 A 19910718; BR 9007920 A 19921006; CN 1024876 C 19940601; CN 1052577 A 19910626; CS 9006165 A2 19910813; CZ 285181 B6 19990616; DE 59010125 D1 19960321; EP 0505368 A1 19920930; EP 0505368 B1 19960207; ES 2083465 T3 19960416; HU 9201991 D0 19920928; HU T60876 A 19921028; JP H05502751 A 19930513; KR 920704388 A 19921219; PL 163659 B1 19940429; PL 288226 A1 19911202; SK 278875 B6 19980408; US 5310373 A 19940510; WO 9109438 A1 19910627; YU 219890 A 19940120

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