

Title (en)  
METHOD FOR MANUFACTURING AN IGNITION ELECTRODE

Title (de)  
VERFAHREN ZUM HERSTELLEN EINER ZÜNDELEKTRODE

Title (fr)  
PROCÉDÉ DE FABRICATION D'UNE ÉLECTRODE D'ALLUMAGE

Publication  
**EP 2992579 A1 20160309 (EN)**

Application  
**EP 13720796 A 20130502**

Priority  
EP 2013001308 W 20130502

Abstract (en)  
[origin: WO2014177169A1] Ignition electrodes (80) having at least one electrode arm (82) may be exposed to high thermal and mechanical stress, which may lead to undesired fails of the material due to the known bending process when manufacturing cross-type ignition electrodes. Therefore, the present disclosure relates to a method for manufacturing an ignition electrode (80) of a spark plug (60) configured to be used in an internal combustion engine (10) and including a pre-combustion chamber (66). The method may comprise providing a mixture of powdered metal and binder material, forming the mixture of powdered metal and binder material into a desired shape, debinding the formed mixture of powdered metal and binder material for driving off the binder material, thereby forming a blank, and sintering the blank.

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