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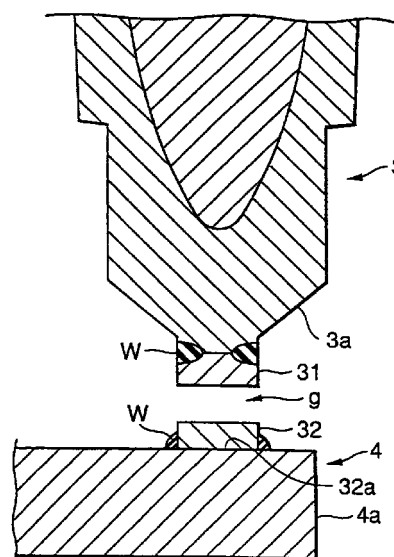
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(54) **A method for producing a spark plug**

(57) A method for producing a spark plug comprising a central electrode, an insulator provided exterior to the central electrode, main metallic shell provided exterior to the insulator in such a way that the central electrode protrudes from one end, and a ground electrode coupled at one end to the metallic shell and which has the other end disposed to face the central electrode (3), with a chip being secured to either the central electrode or the ground electrode or both to form spark discharge gap (g). The chip is made by working an alloy including Ir based alloy, including Rh in an amount ranging from 3 wt.% to less than 50 wt.% to a chip of desired dimensions.

**FIG.2**



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# EUROPEAN SEARCH REPORT

Application Number  
EP 99 12 2560

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Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.6)
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Place of search		Date of completion of the search	Examiner
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<p>CATEGORY OF CITED DOCUMENTS</p> <p>X : particularly relevant if taken alone  Y : particularly relevant if combined with another document of the same category  A : technological background  O : non-written disclosure  P : intermediate document</p> <p>T : theory or principle underlying the invention  E : earlier patent document, but published on, or after the filing date  D : document cited in the application  L : document cited for other reasons  &amp; : member of the same patent family, corresponding document</p>			

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**ANNEX TO THE EUROPEAN SEARCH REPORT  
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