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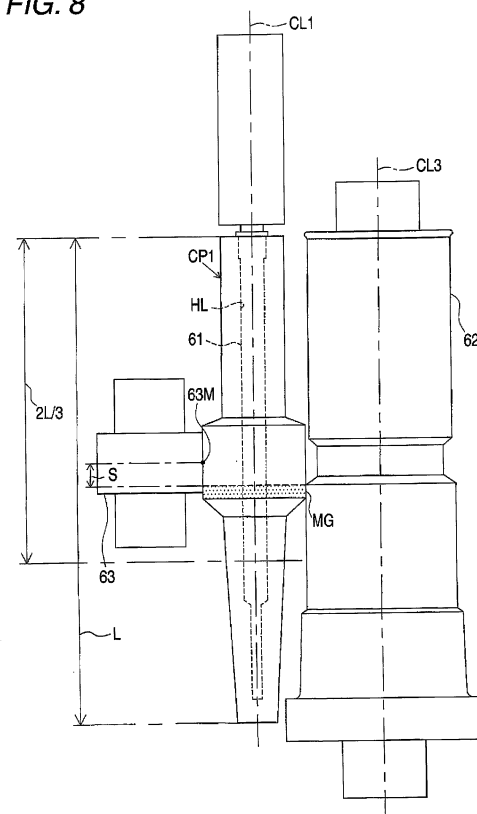
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(54) **Insulating member for spark plug and method of manufacturing the same, and spark plug for internal combustion engine**

(57) A method of manufacturing an insulating member 2 for a spark plug, the insulating member 2 including an axial hole 4 extending in an axial direction, in which a center electrode 5 is held at a front end side of the axial hole and a terminal 6, e.g. a metal terminal, is held at a rear end side of the axial hole. The method includes: a pressurized forming step of compressing raw powder PM to form a molding CP1 having a hole portion HL, of which a rear end side is opened and a front end side is closed; a support pin inserting step of inserting a rod-shaped support pin 61 into the hole portion 112 from the rear end side of the molding; and a grinding step of grinding an outer circumferential surface of the molding CP1 inserted with the support pin 61 to form an unfired insulating member IP having a shape of the insulating member 2, wherein after the pressurized forming step and before the grinding step, a front end removing step of cutting a front end portion of the molding or grinding the front end portion in an axial direction to penetrate the hole portion is included.

FIG. 8**EP 2 224 560 A3**



EUROPEAN SEARCH REPORT

Application Number
EP 10 15 4924

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
X,D	JP 2006 210142 A (NGK SPARK PLUG CO) 10 August 2006 (2006-08-10) * the whole document * -----	1-13	INV. H01T13/38 H01T21/02
			TECHNICAL FIELDS SEARCHED (IPC)
			H01T
The present search report has been drawn up for all claims			
Place of search The Hague		Date of completion of the search 18 April 2013	Examiner Van Staveren, Martin
<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 & : member of the same patent family, corresponding document</p>			

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