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(54) **Ignition needle for gas stove and gas stove**

(57) The present invention relates to an ignition needle (2) for a gas stove (1) and a gas stove. The ignition needle for a gas stove includes an ignition electrode (10) and a casing (20), the ignition electrode (10) includes an ignition head (11), and the ignition head includes a top-down radially tapered necking portion (110). The casing

(20) wraps the ignition electrode (10) with the ignition head (11) exposed. The present invention is beneficial to extending the service life of the ignition needle, and moreover, the ignition success rate of the ignition needle is high, and the phenomenon of excessively long ignition time or unsuccessful ignition does not easily occur.

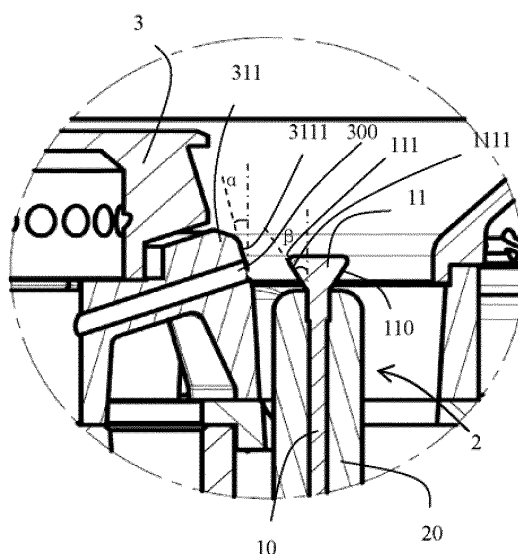


FIG. 4



EUROPEAN SEARCH REPORT

Application Number
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Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
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Y	* page 9, line 6; figures 1-2 * * page 8, line 22 * * page 1, lines 14-18 *	7-9	
Y	----- US 4 136 259 A (DJEDDAH JACQUES L) 23 January 1979 (1979-01-23) * figure 4 *	7-9	
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			TECHNICAL FIELDS SEARCHED (IPC)
			F23Q F24C
The present search report has been drawn up for all claims			
Place of search The Hague		Date of completion of the search 12 August 2015	Examiner Adant, Vincent
CATEGORY OF CITED DOCUMENTS 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		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	

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**ANNEX TO THE EUROPEAN SEARCH REPORT
ON EUROPEAN PATENT APPLICATION NO.**

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This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.
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