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(54) **Microswitch assembly which can be associated to a gas cock, in particular for cooktops and the like**

(57) The microswitch unit (10) can be associated with a gas supply control tap (14), in particular for cooking hobs and the like, and comprises a fixed casing and an actuating member. The fixed casing houses a fixed contact strip (20) and a movable contact strip (22) facing each other. The actuating member has a base portion

mounted slidably inside the casing and provided with means able to cause engagement/disengagement of the contact strips (20, 22) with/from each other, and a top portion provided with means able to snap-engage with a stem (12) of the tap (14).

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EUROPEAN SEARCH REPORT

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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	WO 01/02776 A1 (BSPARKS S P A [IT]; LAMBERTI SILVANO [IT]) 11 January 2001 (2001-01-11) * page 6, line 2 - page 12, line 22; figures 1-9c *	1-10	INV. F23N1/00 F24C3/12
X,P	WO 2006/114675 A2 (SABAF SPA [IT]; BETTINZOLI ANGELO [IT]) 2 November 2006 (2006-11-02) * page 3, line 14 - page 5, line 24; figures 1-4b *	1-10	
			TECHNICAL FIELDS SEARCHED (IPC)
			F23N F24C H01H
The present search report has been drawn up for all claims			
Place of search The Hague		Date of completion of the search 21 August 2012	Examiner Munteh, Louis
<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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**ANNEX TO THE EUROPEAN SEARCH REPORT
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This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.
The members are as contained in the European Patent Office EDP file on
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21-08-2012

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
WO 0102776 A1	11-01-2001	AR 032278 A1	05-11-2003
		AT 274679 T	15-09-2004
		AU 762918 B2	10-07-2003
		AU 6428600 A	22-01-2001
		BR 0006903 A	12-06-2001
		CN 1316046 A	03-10-2001
		CO 5300379 A1	31-07-2003
		DE 60013294 D1	30-09-2004
		DE 60013294 T2	01-09-2005
		EG 22800 A	31-08-2003
		EP 1194720 A1	10-04-2002
		ES 2225191 T3	16-03-2005
		HK 1040428 A1	04-11-2005
		HU 0002420 A2	28-04-2001
		IT BS990058 U1	02-01-2001
		MX PA01013345 A	15-10-2003
		PL 346416 A1	11-02-2002
		PT 1194720 E	31-01-2005
		TR 200100668 T1	21-06-2001
		US 6541721 B1	01-04-2003
		WO 0102776 A1	11-01-2001
WO 2006114675 A2	02-11-2006	BR PI0612918 A2	07-12-2010
		CN 101213405 A	02-07-2008
		EP 1886067 A2	13-02-2008
		IT MI20050147 U1	28-10-2006
		US 2008213713 A1	04-09-2008
		WO 2006114675 A2	02-11-2006