



(12) **EUROPEAN PATENT APPLICATION**

(88) Date of publication A3:
21.05.2008 Bulletin 2008/21

(51) Int Cl.:
H01R 13/646^(2006.01) H01R 13/639^(2006.01)

(43) Date of publication A2:
21.02.2007 Bulletin 2007/08

(21) Application number: **06254221.2**

(22) Date of filing: **10.08.2006**

(84) Designated Contracting States:
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated Extension States:
AL BA HR MK RS

(30) Priority: **17.08.2005 GB 0516829**

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(54) **Radio frequency wall outlet and modules**

(57) A filter and/or splitter module for attachment to a wall outlet which terminates a coaxial cable, the module presenting an electrical terminal (9) for electrical connection to a terminal on the wall outlet and a projection (10) extending from the module at a position spaced from the module terminal (9), the projection (10) having an undercut region (12) defining a head (13) for engagement in a slot in the outlet to retain the module with respect to the outlet. Also a wall outlet having an electrical terminal (3) for electrical connection of an end of a coaxial cable, the terminal (3) being accessible from a front of the outlet to enable a terminal of a plug-on filter and/or splitter module to be plugged onto and therefore electrically connected to the outlet, the front of the outlet having a slot (5) shaped to receive a projection on the module such that when the terminal on the module is initially engaged with the outlet terminal the projection enters a release region (6) of the slot, after which rotation of the module around the outlet terminal (3) as centre causes the projection to move into a locking region (7) of the slot (5) where the engagement of the projection with the outlet prevents the module being withdrawn from the outlet, release of the module from the outlet requiring counter-rotation of the module with respect to the outlet.

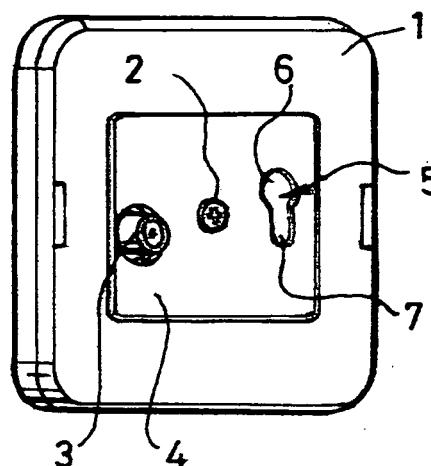


Fig. 1



European Patent
Office

EUROPEAN SEARCH REPORT

Application Number
EP 06 25 4221

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
A	GB 2 195 841 A (MITSUBISHI ELECTRIC CORP MITSUBISHI ELECTRIC CORP [JP]) 13 April 1988 (1988-04-13) * abstract; figure 1 *	1,3	INV. H01R13/646 H01R13/639
A	US 2005/157460 A1 (BHOGAL KULVIR S [US] ET AL BHOGAL KULVIR SINGH [US] ET AL) 21 July 2005 (2005-07-21) * figure 3 *	1,3	
A	US 5 989 052 A (FIELDS KENNETH N [US] ET AL) 23 November 1999 (1999-11-23) * abstract; figure 3 *	1,3	
A	DE 25 26 762 A1 (STERZENBACH HELMUT) 16 December 1976 (1976-12-16) * figures 1,2 *	1,3	
			TECHNICAL FIELDS SEARCHED (IPC)
			H01R
The present search report has been drawn up for all claims			
Place of search The Hague		Date of completion of the search 14 April 2008	Examiner Corrales, Daniel
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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EPO FORM 1503 03.82 (P04C01)

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

EP 06 25 4221

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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14-04-2008

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
GB 2195841	A	13-04-1988	DK 492887 A	26-03-1988
			FI 874180 A	26-03-1988
			JP 63055609 U	14-04-1988
			NO 873988 A	28-03-1988
			SE 466577 B	02-03-1992
			SE 8703700 A	26-03-1988

US 2005157460	A1	21-07-2005	NONE	

US 5989052	A	23-11-1999	NONE	

DE 2526762	A1	16-12-1976	NONE	
