

Europäisches Patentamt European Patent Office Office européen des brevets



(11) **EP 1 158 612 A3**

(12)

EUROPEAN PATENT APPLICATION

(88) Date of publication A3: 17.04.2002 Bulletin 2002/16

(51) Int Cl.⁷: **H01R 4/24**, H01R 13/703, H01R 31/08

(43) Date of publication A2: **28.11.2001 Bulletin 2001/48**

(21) Application number: 01111928.6

(22) Date of filing: 18.05.2001

(84) Designated Contracting States:

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

Designated Extension States:

AL LT LV MK RO SI

(30) Priority: **24.05.2000 GB 0012484 13.09.2000 GB 0022436**

(71) Applicant: Channell Limited
Orpington, Kent BR5 3QU (GB)

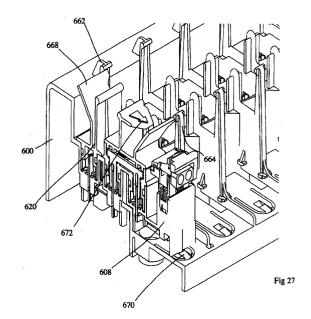
(72) Inventors:

Shimirak, Gerald-Leu
 Holly Springs, North Carolina 27540 (US)

- Bennett, Andrew Philip London SE18 3NA (GB)
- Escane, Richard Petts Wood, Kent BR5 3QU (GB)
- Sheals, Derec Ian Dartford, Kent DA1 3DW (GB)
- Sinigiani, Henry John San Mateo, California 94402 (US)
- (74) Representative: Downing, Michael Philip et al Fry Heath & Spence, The Old College,
 53 High Street Horley, Surrey RH6 7BN (GB)

(54) Telecommunications connector

A telecommunication connector for a distribu-(57)tion point comprises a base part and a detachable configuration module, the configuration module being able to take a plurality of dispositions with respect to the base part, the base part having connection means to (i) a telecommunications cable from an exchange, (ii) a cable to a further distribution point, and (iii) a cable to a consumer, wherein the configuration module causes electrical connection from the exchange to the further distribution point in a first disposition but not in a second disposition. This permits the installer who is connecting a new consumer to disconnect the unnecessary part of the wire forming the relevant pair when activating the service whilst leaving intact the investment in the network. The configuration module can also contain protective devices for the line, such as three or five pin protection, over current devices and over voltage devices, or other active electronic elements. It is further preferred that in the first orientation, the configuration module causes electrical connection between the exchange and consumer to be broken.





EUROPEAN SEARCH REPORT

Application Number EP 01 11 1928

		ERED TO BE RELEVANT		
Category	Citation of document with i of relevant pass	ndication, where appropriate, ages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.CI.7)
X	US 5 802 170 A (SM) 1 September 1998 (1 * column 6, line 34 figure 11 *	TH THOMAS J ET AL) 998-09-01) - column 7, line 26;	1-7	H01R4/24 H01R13/703 H01R31/08
A	GB 2 201 846 A (SIE 7 September 1988 (1 * page 3 - page 4;	988-09-07)	1	
A	FR 2 524 723 A (CTM 7 October 1983 (198 * page 4, line 9 -) 3-10-07) line 20; figure 3 *	1	
				TECHNICAL FIELDS SEARCHED (Int.Cl.7)
				H01R
	The present search report has I	peen drawn up for all claims		
	Place of search	Date of completion of the search	<u> </u>	Examiner
BERLIN		•	21 February 2002 Sti	
CA X : partic Y : partic docur A : techr O : non-	TEGORY OF CITED DOCUMENTS cularly relevant if taken alone cularly relevant if combined with anothment of the same category hological background written disclosure mediate document	T: theory or princ E: earlier patent after the filing of D: document cite L: document cite	siple underlying the indocument, but publis date din the application d for other reasons	nvention shed on, or

EPO FORM 1503 03.82 (P04C01)

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

EP 01 11 1928

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 The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

21-02-2002

Patent document cited in search report		Publication date		Patent family member(s)	Publication date
US 5802170	Α	01-09-1998	US US US	5637011 A 5553136 A 5888085 A	10-06-1997 03-09-1996 30-03-1999
GB 2201846	A	07-09-1988	DE AU AU CS NO ZA	8703418 U1 592039 B2 1270788 A 8801418 A2 881011 A 8801560 A	07-05-1987 21-12-1989 08-09-1988 14-08-1990 07-09-1988 26-10-1988
FR 2524723	A	07-10-1983	FR	2524723 A1	07-10-1983

FORM P0459

For more details about this annex : see Official Journal of the European Patent Office, No. 12/82