



SUPPLEMENTARY EUROPEAN SEARCH REPORT

Application number:
EP 20 82 64 10

Classification of the application (IPC):
H01Q 1/12, H01Q 19/10, H01Q 21/06, H01Q 9/28, H01Q 21/08

Technical fields searched (IPC):
H01Q

DOCUMENTS CONSIDERED TO BE RELEVANT		
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim
X A	US 6088002 A (JOHNSON TORBJORN [SE] ET AL) 11 July 2000 (2000-07-11) * column 4, lines 15-19, 26-34 * * figures 2-5, 9 *	1, 2, 15 3-14
A	US 3373432 A (BRENEMAN WALTER E) 12 March 1968 (1968-03-12) * figure 12 *	1-15
A	US 4114163 A (BOROWICK JOHN JOSEPH) 12 September 1978 (1978-09-12) * figures 1-3 *	1-15
A	DE 1591013 A1 (BOSCH ELEKTRONIK GMBH) 30 July 1970 (1970-07-30) * figures 3-5 *	1-15
A	JP S55171107 U (HITACHI CABLE LTD) 08 December 1980 (1980-12-08) * figures 1-4 *	1-15

The supplementary search report has been based on the last set of claims valid and available at the start of the search.

Place of search The Hague	Date of completion of the search 14 June 2023	Examiner Mitchell-Thomas, R
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CATEGORY OF CITED DOCUMENTS

X: particularly relevant if taken alone	P: intermediate document
Y: particularly relevant if combined with another document of the same category	T: theory or principle underlying the invention
A: technological background	E: earlier patent document, but published on, or after the filing date
O: non-written disclosure	D: document cited in the application
& : member of the same patent family, corresponding document	L: document cited for other reasons

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ANNEX TO SUPPLEMENTARY 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 14-06-2023
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Patent document cited in search report		Publication date	Patent family member(s)	Publication date
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			EP 0896750 A1	17-02-1999
			JP 2000509230 A	18-07-2000
			US 6088002 A	11-07-2000
			WO 9741622 A1	06-11-1997
US 3373432	A	12-03-1968	NONE	
US 4114163	A	12-09-1978	NONE	
DE 1591013	A1	30-07-1970	NONE	
JP S55171107	U	08-12-1980	NONE	