



Europäisches Patentamt
European Patent Office
Office européen des brevets



(11)

EP 0 955 690 A3

(12)

EUROPEAN PATENT APPLICATION

(88) Date of publication A3:
30.05.2001 Bulletin 2001/22

(51) Int Cl.7: **H01Q 9/26, H01Q 21/12**

(43) Date of publication A2:
10.11.1999 Bulletin 1999/45

(21) Application number: **99830265.7**

(22) Date of filing: **04.05.1999**

(84) Designated Contracting States:
**AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU
MC NL PT SE**
Designated Extension States:
AL LT LV MK RO SI

(72) Inventor: **Bavecchi, Carlo**
50039 Vicchio, Firenze (IT)

(74) Representative: **Mannucci, Michele et al**
Ufficio Tecnico Ing.A. Mannucci,
Via della Scala 4
50123 Firenze (IT)

(30) Priority: **04.05.1998 IT FI980103**

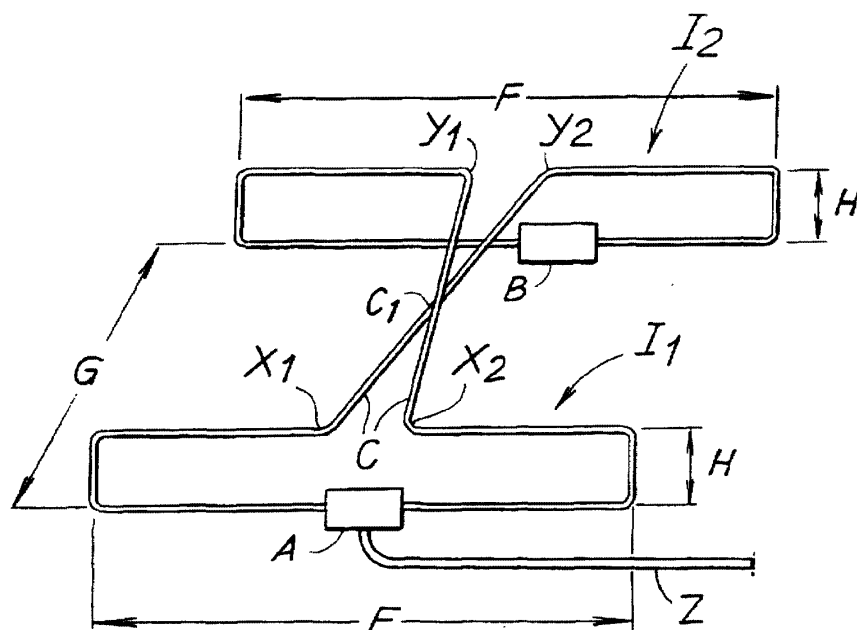
(71) Applicant: **Gionaninni Elettromeccanica di Carlo**
Bavecchi
50039 Vicchio Firenze (IT)

(54) **Compact wide band receiving and transmitting antenna**

(57) The antenna comprises two folded dipoles (11, 12) connected one to the other by means of a crossed

double-wire line (C), one of said dipoles (12) being closed with a non-inductive resistance (B).

Fig. 1



EP 0 955 690 A3



European Patent
Office

EUROPEAN SEARCH REPORT

Application Number
EP 99 83 0265

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.6)
X	US 2 242 023 A (CORK E C AND PAWSEY J L) 13 May 1941 (1941-05-13) * page 3, left-hand column, line 15-29; figure 4 *	1,3,4, 10,12	H01Q9/26 H01Q21/12
X	GB 539 678 A (FLETCHER H) 19 September 1941 (1941-09-19) * figure 3 *	1,2,10, 12	
X	GB 500 162 A (SOCIETE ANONYME DES INDUSTRIES RADIO-ELECTRIQUES) 3 February 1939 (1939-02-03) * figure 7 *	1,10,12	
A	ROTHAMMEL K: "Antennenbuch" 1984, TELEKOSMOS VERLAG, STUTTGART, GERMANY XP002164676 chapter 6. Anpassungs- und Transformationsglieder. chapter 7: Symmetriewandler section 14.2: Längsstrahler mit einseitiger Richtcharakteristik	1,5-9	
A	DE 12 79 788 B (RICHARD HIRSCHMANN RADIOTECHNISCHES WERK) 10 October 1968 (1968-10-10) * column 3, line 34 - column 4, line 5; figures 1,5 *	1	
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 4 April 2001	Examiner Van Dooren, G
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	

EPO FORM 1503 03/92 (P04C01)

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

EP 99 83 0265

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.

04-04-2001

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 2242023 A	13-05-1941	GB 532955 A	
GB 539678 A		NONE	
GB 500162 A		FR 50002 E	21-11-1939
		FR 833239 A	17-10-1938
		US 2285669 A	09-06-1942
DE 1279788 B		NONE	