Europäisches Patentamt European Patent Office

Office européen des brevets



EP 0 828 313 A3

(12)

EUROPEAN PATENT APPLICATION

(88) Date of publication A3: 07.10.1998 Bulletin 1998/41 (51) Int. Cl.6: H01Q 17/00

(11)

(43) Date of publication A2: 11.03.1998 Bulletin 1998/11

(21) Application number: 96308050.2

(22) Date of filing: 06.11.1996

(84) Designated Contracting States: **DE GB SE**

(30) Priority: 05.10.1996 JP 283395/96

(71) Applicant: Ten Kabushiki Kaisha Nagoya-shi, Aichi-ken (JP)

(72) Inventors:

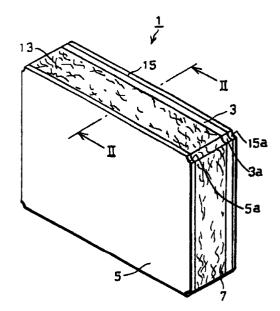
· Noda, Kenichi Nagoya-shi, Aichi-ken (JP) · Sakurai, Takashi Seto-shi, Aichi-ken (JP)

(74) Representative: Greenwood, John David et al Graham Watt & Co. Riverhead Sevenoaks Kent TN13 2BN (GB)

(54)**Electromagnetic-wave absorber**

An electromagnetic-wave absorber (1) which can efficiently absorb the electromagnetic wave over broad band, with a reduced thickness and weight, which is superior in workability for attachment comprising a first ferrite sheet (3) of the predetermined thickness attached with a metal plate (15) for reflecting electromagnetic-wave on the back thereof, a second ferrite sheet (5) which has the thickness thinner than that of said first ferrite sheet (3) and is located in the front of said first ferrite sheet (3) and a dielectric means (7) which has the predetermined thickness and is located between said first and second ferrite sheets (3,5).





EP 0 828 313 A3



EUROPEAN SEARCH REPORT

Application Number EP 96 30 8050

Category	Citation of document with indication, where appropriate, of relevant passages		Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.CI.6)
Х	YOSHIYUKI NAITO ET AL: "WIDENING THE BANDWIDTH OF FERRITE ELECTROMAGNETIC WAVE ABSORBERS BYATTACHING RUBBER FERRITE" ELECTRONICS & COMMUNICATIONS IN JAPAN, PART I - COMMUNICATIONS, vol. 77, no. 6, 1 June 1994, pages 76-86, XP000476172 * the whole document *		1-7	H01Q17/00
X	YOSHIYUKI NAITO ET AL: "DESIGN OF SUPER WIDEBAND ELECTROMAGNETIC WAVE ABSORBER AND ITS CHARACTERISTICS" ELECTRONICS & COMMUNICATIONS IN JAPAN, PART II - ELECTRONICS, vol. 78, no. 2, 1 February 1995, pages 1-8, XP000526342 * the whole document *		1-7	
X	US 5 296 859 A (NAITO YOSHIYUKI ET AL) 22 March 1994 * column 4, line 7-35; claims 1,2; figures 1,2 *		1,3-7	TECHNICAL FIELDS SEARCHED (Int.Cl.6)
Х	US 3 737 903 A (SUETAKE K ET AL) 5 June 1973 * column 4, line 65 - column 5, line 5; figure 9 *		1	H01Q
Α	EP 0 243 161 A (YOKOHAMA RUBBER CO LTD) 28 October 1987 * column 2, line 15-55; claim 1 *		4	
A	FR 2 653 940 A (COMMISSARIAT ENERGIE ATOMIQUE) 3 May 1991 * page 6, line 34 - page 7, line 26; figures 1,2 *		5	
	The present search report has			
	Place of search	Date of completion of the search		Examiner
THE HAGUE		18 August 1998	Va	n Dooren, G
X:pa Y:pa do: A:ted	CATEGORY OF CITED DOCUMENTS urticularly relevant if taken alone urticularly relevant if combined with anot oument of the same category ohnological background on-written disclosure termediate document	L : document cited for	cument, but puble te n the application or other reasons	n n s