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EUROPEAN PATENT APPLICATION

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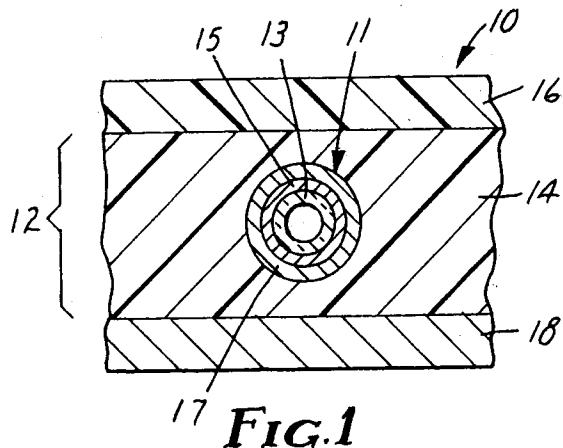
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Electromagnetic radiation absorbing material employing doubly layered particles.

An electromagnetic radiation absorbing material (12) comprises doubly layered core particles (11) dispersed in a dielectric binder material (14). The first layer (15) dissipates radiation; the second layer (17) is an insulating material which helps prevent the particles (11) from conductively contacting each other, and prevents degradation of the first layer (15). The absorber may be applied to an electrically conductive material (18), and an impedance matching material (16) may be used.



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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.5)
X	US-A-3 721 982 (WESCH) * Column 1, lines 36-67; column 3, lines 6-34,61-64; column 4, lines 17-24; figures 1,2 *	1,2,5,6 ,10,11, 15,18, 19,27, 28	H 01 Q 17/00
Y	---	17,20, 23-26	
Y	EP-A-0 374 795 (MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD) * Column 2, line 35 - column 3, line 1; column 8, lines 11-35 *	17,20	TECHNICAL FIELDS SEARCHED (Int. Cl.5)
A	---	18,19	
Y	EP-A-0 240 809 (BASF AG) * Column 2, lines 49-54; column 4, lines 33-42 *	23,24	H 01 P H 01 Q H 05 B H 05 K G 01 R
A	---	5,7,18, 20	
Y	US-A-3 599 210 (STANDER) * Column 2, lines 3-34; figure *	25	H 01 P H 01 Q H 05 B H 05 K G 01 R
A	---	17	
Y	PATENT ABSTRACTS OF JAPAN, vol. 1, no. 30 (E-76)[1064], 29th March 1977; & JP-A-51 122 356 (MITSUBISHI DENKI K.K.) 26-10-1976 * Abstract *	26	H 01 P H 01 Q H 05 B H 05 K G 01 R
X	GB-A-1 216 071 (WESCH) * Whole document *	1,2,5	
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The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 22-07-1992	Examiner DEN OTTER A.M.
CATEGORY OF CITED DOCUMENTS		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 E : document cited for other reasons & : member of the same patent family, corresponding document	
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			



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CLAIMS INCURRING FEES

The present European patent application comprised at the time of filing more than ten claims.

- All claims fees have been paid within the prescribed time limit. The present European search report has been drawn up for all claims.
- Only part of the claims fees have been paid within the prescribed time limit. The present European search report has been drawn up for the first ten claims and for those claims for which claims fees have been paid, namely claims:
- No claims fees have been paid within the prescribed time limit. The present European search report has been drawn up for the first ten claims.

LACK OF UNITY OF INVENTION

The Search Division considers that the present European patent application does not comply with the requirement of unity of invention and relates to several inventions or groups of inventions, namely:

see sheet -B-

- All further search fees have been paid within the fixed time limit. The present European search report has been drawn up for all claims.
- Only part of the further search fees have been paid within the fixed time limit. The present European search report has been drawn up for those parts of the European patent application which relate to the inventions in respect of which search fees have been paid, namely claims:
- None of the further search fees has been paid within the fixed time limit. The present European search report has been drawn up for those parts of the European patent application which relate to the invention first mentioned in the claims, namely claims:



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.5)
A	GB-A-1 411 731 (KUREHA KAGAKU KOGYO K.K.) * Whole document *	1-4,28	
D,A	US-A-4 173 018 (DAWSON et al.) * Column 2, lines 29-43; claims 1,3,8 *	1-4,28	
A	PATENT ABSTRACTS OF JAPAN, vol. 13, no. 539 (E-853), 30th November 1989; & JP-A-1 220 899 (KENICHI NODA) 04-09-1989 * Abstract *	1,2,28	
A	US-A-4 012 738 (WRIGHT) * Column 3, line 54 - column 4, line 10; figure 1 *	18,19,25	
A	GB-A- 893 007 (THE PLESSEY CO., LTD) * Page 1, lines 16-57 *	27	
A	US-A-2 951 247 (HALPERN et al.) * Column 1, lines 39-57 *	5,22-24	
			TECHNICAL FIELDS SEARCHED (Int. Cl.5)
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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			



LACK OF UNITY OF INVENTION

The Search Division considers that the present European patent application does not comply with the requirement of unity of invention and relates to several inventions or groups of inventions, namely:

1. Claims 1-4,28: Dissipative articles comprising a core particle, a dissipative layer and an insulating layer; method of manufacturing such particles.
2. Claims 5-16,23,24,27,29,30: Materials used for and dimensions, concentrations of the dissipative articles.
3. Claims 17-22,25,26: Materials for the dielectric binder; layers connected to the dielectric binder.