



Europäisches Patentamt
European Patent Office
Office européen des brevets



(11) **EP 1 447 712 A8**

(12) **CORRECTED EUROPEAN PATENT APPLICATION**

published in accordance with Art. 158(3) EPC

Note: Bibliography reflects the latest situation

(15) Correction information:
Corrected version no 1 (W1 A1)
INID code(s) 54

(51) Int Cl.7: **G03F 7/004**, C04B 35/628,
C08F 220/28, C08F 290/06,
H05K 3/46

(48) Corrigendum issued on:
06.10.2004 Bulletin 2004/41

(86) International application number:
PCT/JP2002/011149

(43) Date of publication:
18.08.2004 Bulletin 2004/34

(87) International publication number:
WO 2003/038524 (08.05.2003 Gazette 2003/19)

(21) Application number: **02779925.3**

(22) Date of filing: **28.10.2002**

(84) Designated Contracting States:
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR
IE IT LI LU MC NL PT SE SK TR

(30) Priority: **01.11.2001 JP 2001336151**
24.04.2002 JP 2002121938

(71) Applicant: **TORAY INDUSTRIES, INC.**
Tokyo 103-8666 (JP)

(72) Inventors:
• **YAMASHIKI, Tomoya**
Otsu-shi, Shiga 520-2141 (JP)

• **UEOKA, Takenori**
Otsu-shi, Shiga 520-0843 (JP)
• **SHIMBA, Mitsuyo**
Otsu-shi, Shiga 520-0842 (JP)

(74) Representative: **Coleiro, Raymond et al**
Mewburn Ellis LLP
York House
23 Kingsway
London WC2B 6HP (GB)

(54) **METHODS OF PRODUCING PHOTSENSITIVE CERAMIC COMPOSITION AND MULTI-LAYER SUBSTRATE USING IT**

(57) The present invention relates to a photosensitive ceramic composite and a method for manufacturing a multilayer substrate using the composite. The photosensitive ceramic composite and manufacturing method of the present invention are applicable to circuit members and components for ceramic multilayer substrates for high-frequency wireless communication.

The photosensitive ceramic composite contains inorganic particles and a photosensitive organic component. The inorganic particles have at least surface sections containing an inorganic material having a refractive index less than that of inner sections of the inorganic particles.

EP 1 447 712 A8