Title (en)

Electromagnetic radiation absorbing material employing doubly layered particles

Title (de)

Elektromagnetische Strahlung absorbierendes Material mit doppelt umhüllten Partikeln

Title (fr)

Matériau absorbant les ondes électromagnétiques à particules à double enrobage

Publication

EP 0479438 B1 19970402 (EN)

Application

EP 91308300 A 19910911

Priority

US 59179990 A 19901002

Abstract (en)

[origin: EP0479438A2] 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. <IMAGE>

IPC 1-7

H01Q 17/00

IPC 8 full level

H05K 9/00 (2006.01); **H01Q 17/00** (2006.01)

CPC (source: EP KR)

H01Q 17/002 (2013.01 - EP); **H01Q 19/00** (2013.01 - KR)

Citation (examination)

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DOCDB simple family (publication)

EP 0479438 A2 19920408; **EP 0479438 A3 19921014**; **EP 0479438 B1 19970402**; DE 69125444 D1 19970507; DE 69125444 T2 19971023; JP 3009763 B2 20000214; JP H06342993 A 19941213; KR 920007792 A 19920527

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