

Title (en)

MICROWAVE FILTER COMPRISING A COAXIAL STRUCTURE, WHICH IS MADE FROM METALLISED SYNTHETIC FOAM

Title (de)

MIT METALLISIERTEM SYNTHETISCHEN SCHAUMSTOFF REALISIERTES HOCHFREQUENZ-KOAXIALFILTER

Title (fr)

FILTRE HYPERFREQUENCES EN STRUCTURE COAXIALE REALISE EN MOUSSE DE MATIERE SYNTHETIQUE METALLISEE

Publication

EP 1579526 A2 20050928 (FR)

Application

EP 03810010 A 20031222

Priority

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Abstract (en)

[origin: FR2849719A1] The Hyper frequency filter has a coaxial structure with an external conductive armature (1,1',1'') and an inner conductive armature (2,2',2'') extending axially. The armatures define a series of concentric plates (3A-3D) along an axial direction and defining successive sections of a low impedance line characteristic and a high impedance line characteristic. The concentric plates are formed in a block of foam plastic. Claims include a method of fabrication of the claimed filter.

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H01P 1/202

IPC 8 full level

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