

Title (en)

MICROWAVE IMAGE-FREQUENCY REFLECTING FILTER AND MICROWAVE RECEIVER COMPRISING SUCH A FILTER

Publication

EP 0015610 B1 19840926 (FR)

Application

EP 80200158 A 19800226

Priority

FR 7905735 A 19790306

Abstract (en)

[origin: US4313097A] A planar image reflection mode filter is provided for reflecting parasitic signal frequencies produced in the mixer of a receiver. The filter includes a reflecting quarter-wavelength filter and an adaptive circuit functioning to enable the transmission of desirable frequencies. A slot can be formed in the quarter-wavelength filter to enable odd-mode resonance and reduce the width of a transition frequency band lying between a reflection band and a transmission band.

IPC 1-7

H01P 1/203; **H01P 7/08**

IPC 8 full level

H01P 1/203 (2006.01); **H01P 7/08** (2006.01)

CPC (source: EP US)

H01P 1/2039 (2013.01 - EP US); **H01P 7/082** (2013.01 - EP US)

Cited by

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Designated contracting state (EPC)

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DOCDB simple family (publication)

EP 0015610 A1 19800917; **EP 0015610 B1 19840926**; DE 3069254 D1 19841031; FR 2451110 A1 19801003; FR 2451110 B1 19840511; JP S55121702 A 19800919; JP S6340361 B2 19880810; US 4313097 A 19820126

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