

Title (en)

ADAPTIVE SPATIAL MICROWAVE FILTER FOR AN ANTENNA WITH ANY POLARISATION, AND METHOD FOR PUTTING IT INTO USE

Publication

**EP 0076760 B1 19870429 (FR)**

Application

**EP 82401811 A 19821004**

Priority

FR 8118674 A 19811005

Abstract (en)

[origin: US4518966A] The invention relates to an adaptive spatial microwave filter for multipolarized antennas and the process of its application. According to the invention, the filter principally consists of two conjugated networks of lines L1, I1; L2, I2; . . . of sections of wires loaded with diodes D mounted in series and essentially symmetrically superposed. The lines are passed through by polarizing currents I1, I2 . . . which according to selected distribution enables attenuation at reception of certain secondary lobes of the antenna pattern. The invention applies in particular to the localization and neutralization of jammers.

IPC 1-7

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IPC 8 full level

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