

Title (en)

DIELECTRIC FILTER, TRANSCEIVER AND BASE STATION

Title (de)

DIELEKTRISCHES FILTER, SENDE-EMPFÄNGER UND BASISSTATION

Title (fr)

FILTRE DIÉLECTRIQUE, ÉMETTEUR-RÉCEPTEUR ET STATION DE BASE

Publication

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Application

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Priority

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Abstract (en)

[origin: EP3319166A1] Embodiments of the present invention provide a dielectric filter, and relate to the technical field of communication device components, to provide a novel dielectric filter structure for implementing cross coupling. The dielectric filter provided in the embodiments of the present invention includes at least three resonant cavities, each resonant cavity includes a debug hole, the debug hole is disposed in a body, each debug hole and the surrounding body of the debug hole form a resonant cavity, a blind hole is disposed between two resonant cavities that are not adjacent to each other, and the blind hole is configured to implement cross coupling. The dielectric resonator provided in the embodiments of the present invention simplifies a structure for implementing capacitive coupling and further enhances structure miniaturization.

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CPC (source: EP)

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