

Title (en)

Circuit for frequency conditioning in a radio transceiver working in the UHF range, especially a wireless telephone

Title (de)

Schaltung zur Frequenzaufbereitung eines im UHF-Bereich arbeitenden Funk-Sende-Empfängers, insbesondere eines schnurlosen Telefons

Title (fr)

Circuit pour traiter la fréquence d'un émetteur-récepteur radio fonctionnant sur la bande UHF, notamment un téléphone sans fil

Publication

EP 0976201 A1 20000202 (DE)

Application

EP 99914417 A 19990211

Priority

- DE 9900397 W 19990211
- DE 19805963 A 19980213

Abstract (en)

[origin: DE19805963A1] The designed circuit for time division duplex with frequency hopping technique has a total of only two frequency synthesizers (49, 56) for the transmitter and the receiver paths (48, 62) and only one step-up mixer (54) in the transmitter path. The UHF synthesizer frequency is subjected to frequency division before insertion as superimposed frequency of the allocated mixer in the transmitter and receiver paths enabling its utilization for the UHF frequency synthesizer at different frequencies for the transmitter or receiver slot due to the short settling time. One special field of application of the inventive circuit is wireless telephony.

IPC 1-7

H04B 1/38

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

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DOCDB simple family (publication)

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