

Title (en)

MULTICHANNEL RADIO DEVICE, A RADIO COMMUNICATION SYSTEM, AND A FRACTIONAL DIVISION FREQUENCY SYNTHESIZER

Title (de)

MEHRKANALIGES FUNKGERÄT, FUNKKOMMUNIKATIONSSYSTEM UND FREQUENZSYNTHETISIERER MIT GEBROCHENEM TEILVERHÄLTNIS

Title (fr)

DISPOSITIF RADIO MULTICANAL, SYSTEME DE RADIOCOMMUNICATION, ET SYNTHETISEUR DE FREQUENCE A DIVISION FRACTIONNELLE

Publication

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Application

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Abstract (en)

[origin: WO9908384A2] Known are fractional division synthesizers for multichannel radio devices. A new architecture for such a type of synthesizer is proposed not having the drawbacks of such known synthesizers and having the same phase noise properties as ordinary integer divide by N synthesizers. The novel architecture has a main PLL with a first integer frequency divider in its feedback loop and further an auxiliary PLL having a second integer frequency divider in its feedback loop.

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IPC 8 full level

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