

Title (en)

RADIO-FREQUENCY DEVICE WITH NULL OR QUASI-NULL INTERMEDIATE FREQUENCY MINIMIZING INTERFERING FREQUENCY MODULATION APPLIED TO AN INTEGRATED LOCAL OSCILLATOR

Title (de)

HOCHFREQUENZEINRICHTUNG MIT NULL- ODER QUASI-NULL-ZWISCHENFREQUENZMINIMIERUNGS-INTERFERENZFREQUENZMODULATION IN ANWENDUNG AUF EINEN INTEGRIERTEN EMPFANGSOSZILLATOR

Title (fr)

DISPOSITIF RADIOFREQUENCE DU TYPE A FREQUENCE INTERMEDIARE NULLE OU QUASI-NULLE MINIMISANT LA MODULATION FREQUENTIELLE PARASITE APPLIQUEEE A UN OSCILLATEUR LOCAL INTEGRE

Publication

EP 1561280 A2 20050810 (FR)

Application

EP 03808753 A 20031008

Priority

- FR 0302956 W 20031008
- FR 0212743 A 20021014

Abstract (en)

[origin: FR2845840A1] A zero IF (Intermediate Frequency) radio has a single chip (PC) with main phase locked loop (PLL2) reference frequency from a lower frequency voltage controlled auxiliary phase locked loop (PLL1) and main loop reference frequency (SRFP) below the main oscillator frequency, ten times higher than the channel frequency spacing and separated by an integer multiple of the transmit / receive frequency (SRFA) from the main loop cut off frequency. Includes an Independent claim for the use of the component in a cellular mobile phone.

IPC 1-7

H03L 7/23; H04B 1/10

IPC 8 full level

H03L 7/23 (2006.01); **H04B 1/30** (2006.01)

CPC (source: EP US)

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Citation (search report)

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Designated contracting state (EPC)

DE FR GB IT

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