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RF receiver

WO EP US JP AT AU CA DE · [JP3916649B2](#) · マッキーン, トーマス, イー. · ザ リージェンツ オブ ザ ユニヴァーシティー オブ カリフォルニア

Priority 1994-09-06 · Filed 2006-02-22 · Granted 2007-05-16 · Published 2007-05-16

An RF receiver having a receiving antenna for receiving an RF signal and a micropower RF amplifier, a) a frequency selection network connected to the receiving antenna for determining one or more desired tuning frequencies; b) a **sampling mixer** connected to the frequency selection network, having ...

Method and apparatus for reflective mixer testing of a cable modem

 US · [US6662135B1](#) · Lawrence M. Burns · 3Com Corporation

Priority 1998-12-09 · Filed 1998-12-09 · Granted 2003-12-09 · Published 2003-12-09

5 . In effect, the low frequency spectrum of the upstream output is replicated about the sample rate and all of its harmonics. If the switch SW is closed for only a very short period of time, the aperture of the **sampling mixer** is small. This leads to replicated spectra out to very high frequencies.

Direct demodulation in ultrasound instruments

 US · [US5437281A](#) · Sheng-Tz Lin · Dasonics Ultrasound, Inc.

Priority 1992-01-14 · Filed 1994-05-04 · Granted 1995-08-01 · Published 1995-08-01

transform means for receiving said signal and generating an analytic signal in response to said ultrasound signal; **sampling mixer** means for performing mixing by sampling of said analytic signal, such that the frequency and phase of said analytic signal is compensated; and coordinate transform means ...

Synchronous up-conversion direct digital synthesizer

 US · [US4926130A](#) · Lindsay A. Weaver · Qualcomm, Inc.

Priority 1988-01-19 · Filed 1988-01-19 · Granted 1990-05-15 · Published 1990-05-15

A method and apparatus for generating high frequency signals, comprising generating a fundamental frequency signal over a predefined tuning range using a direct digital synthesizer with a digital to analog converter operating at a predetermined sampling frequency and mixing the fundamental ...

Wireless home fire and security alarm system

WO EP US AT AU CA DE · [EP1119837B1](#) · Douglas H. Marman · Interlogix, Inc.

Priority 1998-10-06 · Filed 1999-10-06 · Granted 2004-02-11 · Published 2004-02-11

A wireless alarm system (10) employs two-way transceivers (32, 60) in a network of smoke detectors (16), a base station (12), and other sensors. A keypad (14) is not needed because the system is reset by pressing a Test/Silence button (66) built into every detector or sensor. A siren is also ...

Method and circuit for sampling a signal at high sampling frequency

EP US FI · [US6438366B1](#) · Saska Lindfors · Nokia Mobile Phones Limited

Priority 1998-05-29 · Filed 1999-05-21 · Granted 2002-08-20 · Published 2002-08-20

Electrical circuit (300, 500, 800, 900) has an input (301, 501, 801, 901, 902) and an output (311, 502, OUT, I-OUT, Q-OUT). The circuit samples an input signal coupled to the input having a certain input frequency and converts the input signal into a certain output frequency at the output, ...

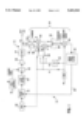
Frequency synthesizer

 EP US JP GB · [US4914405A](#) · John N. Wells · Marconi Instruments Limited

Priority 1987-09-04 · Filed 1988-09-01 · Granted 1990-04-03 · Published 1990-04-03

Multipliers based on phase-locked loops using a **sampling mixer** are common and offer simplicity, coupled with a high level of rejection of unwanted harmonics due to the tracking bandpass filtering properties of a PLL. Unfortunately however the noise floor is often poorer in such devices than is ...

Frequency synthesizer with comb spectrum mixer and fractional comb frequency ...

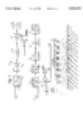


US • [US5451910A](#) • Warren E. Guthrie • Northrop Grumman Corporation

Priority 1993-08-12 • Filed 1993-08-12 • Granted 1995-09-19 • Published 1995-09-19

a **sampling mixer** operative with said source of reference signal, said **sampling mixer** interconnecting said offset means with said phase detector, said **sampling mixer** mixing said offset signal with said reference signal to output a comb frequency spectrum of signals differing in frequency from each ...

Ultra wideband ground penetrating radar imaging of heterogeneous solids



US • [US5835054A](#) • John P. Warhus • The Regents Of The University Of California

Priority 1996-03-01 • Filed 1997-05-09 • Granted 1998-11-10 • Published 1998-11-10

5,521,600, Range-gated field disturbance sensor with range-sensitivity compensation; application 08/300,765 filed Sep. 6, 1994, Micropower RF Transponder with Superregenerative Receiver and RF Receiver with **Sampling Mixer**; application, 08/359,090, filed Dec. 19, 1994, for Electronic Multi-Purpose ...

Image system for three dimensional, 360 DEGREE, time sequence surface mapping ...



US • [US5852672A](#) • Shin-Yee Lu • The Regents Of The University Of California

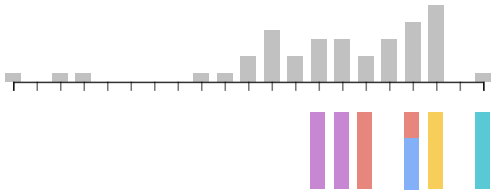
Priority 1995-07-10 • Filed 1997-06-09 • Granted 1998-12-22 • Published 1998-12-22

A three-dimensional motion camera system comprises a light projector placed between two synchronous video cameras all focused on an object-of-interest. The light projector shines a sharp pattern of vertical lines (Ronchi ruling) on the object-of-interest that appear to be bent differently to each ...

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Top 1000 results by filing date



Relative count of top 5 values

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The Regents Of The University Of California		3.8%
Marconi Instruments Ltd		3.8%
Agere Systems Guardian Corp.		3.8%
Marconi Instruments Limited		3.8%
ザ リージェンツ オブ ザ ユニヴァーシティー オブ カリフォルニア		1.9%
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