

Title (en)

DIRECT CONVERSION RECEIVER HAVING A SUBHARMONIC MIXER

Title (de)

DIREKTUMSETZUNGSEMPFÄNGER MIT EINEM SUBHARMONISCHEN MISCHER

Title (fr)

RECEPTEUR DE CONVERSION DIRECTE A MELANGEUR SOUS-HARMONIQUE

Publication

EP 1938462 A2 20080702 (EN)

Application

EP 06804156 A 20060926

Priority

- US 2006037420 W 20060926
- US 23590705 A 20050927
- US 36940306 A 20060307

Abstract (en)

[origin: WO2007038482A2] A differential radio frequency (RF) receiver includes a fully differential direct conversion receive chain, a subharmonic mixer in the receive chain, the subharmonic mixer configured to receive a differential radio frequency (RF) input signal and a local oscillator (LO) signal that is phase-shifted by a nominal 45 degrees, and a synthesizer having a voltage controlled oscillator and having at least one frequency divider to generate desired receive LO signals.

IPC 8 full level

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