

Title (en)
OSCILLATOR WITH HARMONIC OUTPUT

Title (de)
OSZILLATOR MIT HARMONISCHEM AUSGANG

Title (fr)
OSCILLATEUR A SORTIE HARMONIQUE

Publication
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Application
EP 04732397 A 20040512

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Abstract (en)
[origin: WO2004102786A2] An oscillator circuit (1) comprises an oscillator (2) and a synthesizer (3) connected in a feedback loop. The oscillator produces two signals: a first signal which is fed to the synthesizer and a second signal which constitutes the output signal of the circuit. The second signal is a harmonic of the first signal, thus allowing the synthesizer to operate at a much lower frequency than the actual output signal of the circuit. As a result, the power consumption of the circuit is reduced. The oscillator circuit is advantageously used in receivers for consumer devices.

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IPC 8 full level
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See references of WO 2004102786A2

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