

Title (en)

COPLANAR OSCILLATOR CIRCUIT STRUCTURES

Title (de)

KOPLANARE OSZILLATORSCHALTUNGSSTURKTUREN

Title (fr)

STRUCTURES DE MONTAGES OSCILLATEURS COPLANAIRES

Publication

EP 1074060 A1 20010207 (EN)

Application

EP 98918660 A 19980424

Priority

US 9808234 W 19980424

Abstract (en)

[origin: WO9956341A1] An oscillator circuit (20) having a flip chip metalization pattern and base substrate metalization pattern is defined such that a common-drain oscillator is configured with the common drain (38) interposed between the source (40) and gate (36) terminals, providing an effective RF common reference with reduced parasitic inductance elements which otherwise degrade oscillator power and phase noise at high frequencies.

IPC 1-7

H01P 7/08; **H03B 5/18**

IPC 8 full level

H01P 7/08 (2006.01); **H03B 5/18** (2006.01)

CPC (source: EP KR)

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DOCDB simple family (publication)

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US 9808234 W 19980424; AU 7154398 A 19980424; BR 9815827 A 19980424; CA 2328942 A 19980424; CN 98813990 A 19980424; EP 98918660 A 19980424; IL 13898098 A 19980424; JP 2000546413 A 19980424; KR 20007011798 A 20001024; MX PA00010238 A 19980424