

Title (en)

Signal generator and method for signal generation

Title (de)

Signalgenerator und Verfahren zur Signalerzeugung

Title (fr)

Générateur de signal et procédé de génération de signal

Publication

**EP 2557472 B1 20170405 (EN)**

Application

**EP 11177486 A 20110812**

Priority

EP 11177486 A 20110812

Abstract (en)

[origin: EP2557472A1] A signal generator (10) comprises a signal source (11) that is configured for generating a source signal (SO) and a buffer (12, 56). The buffer (12, 56) is configured for generating an internal signal (SI) and for generating a reference signal (SREF, SBG) by summing the internal signal (SI) to the source signal (SO) or to a signal (SO') derived from the source signal (SO). The sign of the temperature coefficient of the source signal (SO) is opposite to the sign of the temperature coefficient of the internal signal (SI).

IPC 8 full level

**G05F 3/30** (2006.01)

CPC (source: EP)

**G05F 3/30** (2013.01)

Citation (examination)

- US 6242897 B1 20010605 - SAVAGE SCOTT C [US], et al
- REFEREX, XP040426082
- CHRISTIAN JÄ Å CR SUS B FAYOMI ET AL: "Sub 1 V CMOS bandgap reference design techniques: a survey", ANALOG INTEGRATED CIRCUITS AND SIGNAL PROCESSING, KLUWER ACADEMIC PUBLISHERS, BO, vol. 62, no. 2, 18 August 2009 (2009-08-18), pages 141 - 157, XP019766237, ISSN: 1573-1979

Cited by

US9753482B2; WO2024091584A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

**EP 2557472 A1 20130213; EP 2557472 B1 20170405**; WO 2013023998 A1 20130221

DOCDB simple family (application)

**EP 11177486 A 20110812**; EP 2012065627 W 20120809