

Title (en)

CIRCUIT FOR LOW CURRENT DRAIN REFERENCE VOLTAGE GENERATION

Title (de)

SCHALTUNGSANORDNUNG ZUR STROMSPARENENDEN REFERENZSPANNUNGSERZEUGUNG

Title (fr)

CIRCUIT DESTINE A PRODUIRE UNE TENSION DE REFERENCE AVEC ECONOMIE DE COURANT

Publication

EP 1234221 A1 20020828 (DE)

Application

EP 00972615 A 20000928

Priority

- DE 0003466 W 20000928
- DE 19947115 A 19990930

Abstract (en)

[origin: WO0123973A1] The invention relates to a circuit for low current drain reference voltage generation. A programmable voltage source produces an output voltage which is compared at given times with a reference voltage. On the basis of said comparison, at least one signal is derived by means of a calibration device. Said signal is fed to a control device. The controller programs the voltage source in such a way that the output voltage matches the reference voltage as closely as possible.

IPC 1-7

G05F 1/575

IPC 8 full level

G05F 3/24 (2006.01); **G05F 1/575** (2006.01)

CPC (source: EP US)

G05F 1/575 (2013.01 - EP US)

Citation (search report)

See references of WO 0123973A1

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

WO 0123973 A1 20010405; CN 1384929 A 20021211; DE 19947115 A1 20010621; DE 19947115 C2 20020103; EP 1234221 A1 20020828; JP 2003510712 A 20030318; US 2002130710 A1 20020919; US 6492864 B2 20021210

DOCDB simple family (application)

DE 0003466 W 20000928; CN 00813470 A 20000928; DE 19947115 A 19990930; EP 00972615 A 20000928; JP 2001526676 A 20000928; US 11342002 A 20020401