

Title (en)

Circuit device for generating a reference current

Title (de)

Schaltungsanordnung zur Erzeugung eines Referenzstroms

Title (fr)

Circuit pour la génération d'un courant de référence

Publication

**EP 0682305 B1 20000802 (DE)**

Application

**EP 95106997 A 19950509**

Priority

DE 4416711 A 19940511

Abstract (en)

[origin: DE4416711C1] The circuit applies a reference voltage (1) to the base of an 'NPN' transistor (8) and the emitter is ground coupled. The transistor connects with other 'PNP' transistors (4,6,9), with a connection to a voltage supply (2) that also connects with a series of 'PNP' transistors (12,14,16,18,20,22) via resistors (11,13,15,17,19,21). An external resistor (26) is used to adjust the reference current generated (25) to the required value.

IPC 1-7

**G05F 3/22**; **G05F 3/26**

IPC 8 full level

**G05F 3/22** (2006.01); **G05F 3/26** (2006.01)

CPC (source: EP US)

**G05F 3/265** (2013.01 - EP US)

Designated contracting state (EPC)

DE FR GB IT

DOCDB simple family (publication)

**DE 4416711 C1 19950803**; DE 59508604 D1 20000907; EP 0682305 A1 19951115; EP 0682305 B1 20000802; US 5663674 A 19970902

DOCDB simple family (application)

**DE 4416711 A 19940511**; DE 59508604 T 19950509; EP 95106997 A 19950509; US 55126795 A 19950511