

Title (en)

High precision current mirror for low voltage supply

Title (de)

Hochgenauer Stromspiegel für niedrige Versorgungsspannung

Title (fr)

Miroir de courant de haute précision pour alimentation à basse tension

Publication

EP 0715239 B1 20010613 (EN)

Application

EP 94830555 A 19941130

Priority

EP 94830555 A 19941130

Abstract (en)

[origin: EP0715239A1] A high-precision current generating circuit (1), particularly intended for a low-impedance circuit user, comprises a current mirror formed by a first (M1) and a second (M2) transistor of the MOS type, and a voltage regulator (4) having two terminals respectively connected to the drain terminals (D1,D2) of the two transistors (M1,M2) to maintain equal values of drain-source voltage (Vds1 and Vds2) on said transistors.
<IMAGE>

IPC 1-7

G05F 3/26

IPC 8 full level

G05F 3/26 (2006.01)

CPC (source: EP)

G05F 3/262 (2013.01); **G05F 3/265** (2013.01)

Cited by

EP1884856A1; EP0994402A1; EP1004953A1; US7663409B2; US6194957B1; US7724092B2; WO2009046151A1; US8085092B2

Designated contracting state (EPC)

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