

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 A1 19960605 (EN)**

Application

**EP 94830555 A 19941130**

Priority

EP 94830555 A 19941130

Abstract (en)

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)

Citation (search report)

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- [X] US 5212458 A 19930518 - FITZPATRICK MARK E [US], et al
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