

Title (en)

LOW DISTORTION DIFFERENTIAL TRANSCONDUCTOR OUTPUT CURRENT MIRROR

Title (de)

DIFFERENZTRANSKONDUKTANZSCHALTUNG-AUSGANGSSTROMSPIEGEL MIT NIEDRIGER VERZERRUNG

Title (fr)

MIROIR DE COURANT DE SORTIE POUR TRANSCONDUCTEUR DIFFERENTIEL A FAIBLE DISTORSION

Publication

**EP 0759229 A1 19970226 (EN)**

Application

**EP 96907887 A 19960301**

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Abstract (en)

[origin: WO9627238A1] A current mirror for use with a transconductor is disclosed. The current mirror includes an input resistor which changes an input current to a voltage, an output resistor having a value which is scaled with respect to the input resistor, an amplifier which senses the input voltage and the voltage across the output resistor and an output transistor having a gate coupled to the output of the amplifier and a source coupled to the output resistor is disclosed. Such a current mirror advantageously provides a transconductor having low distortion.

IPC 1-7

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IPC 8 full level

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