

Title (en)

Current mirror with low reproduction error.

Title (de)

Stromspiegel mit niedrigem Wiedergabefehler.

Title (fr)

Miroir de courant à faible erreur de recopie.

Publication

EP 0549381 B1 19950712 (FR)

Application

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Priority

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Abstract (en)

[origin: EP0549381A1] The invention relates to current mirrors in which a high reproduction error may stem from the collapse in gain of the transistors. <??>The mirror comprises, in its output branch (Io) a so-called "Darlington" amplifier (10+11), with a feedback loop constituted by a buffered mirror (2 to 6). The error cancels out for a gain $ss = 1$. A second Darlington (12+13) mounted symmetrically with the first makes it possible to balance the VCE of the transistors (2,5). <??>Application to current mirrors when the transistors have a low gain (SIMILAR 1). <IMAGE>

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