

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

**EP 92403026 A 19921110**

Priority

FR 9114405 A 19911122

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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