

Title (en)
Method for providing a current of high accuracy

Title (de)
Verfahren zur Herstellung eines sehr genauen Stroms

Title (fr)
Moyens pour fournir un courant de grande précision

Publication
EP 0910002 B1 20090121 (FR)

Application
EP 97117804 A 19971015

Priority
EP 97117804 A 19971015

Abstract (en)
[origin: EP0910002A1] The current source uses an additional transistor to provide precise control of current about nominal value. The current is provided by a first transistor (T3) through which the first current passes. An operational amplifier (A2) has a first input to which a reference voltage (Vref) is applied, and at the output of which is a signal for controlling the first transistor. An external resistance (Re1) is also connected to the second input. A further transistor (T4) is provided through which a second current passes (I4), passing also through the external resistor.

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