

Title (en)
CURRENT SOURCE WITH LOW TEMPERATURE COEFFICIENT

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Application
EP 90402933 A 19901018

Priority
• FR 8913757 A 19891020
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Abstract (en)
[origin: EP0424264A1] The invention relates to integrated circuits, and more particularly the manner of producing in these circuits a constant current source which is stable as a function of temperature and of the supply voltage of the integrated circuit. <??>According to the invention, it is proposed to produce a stable current source on the basis of two transistors (Q1, Q2) in parallel, one controlled by a reference voltage source of the "band gap" type (AO, R1, R2, R3, D1, D2) and the other by a wilson mirror (T1, T2, T3, T4). The addition of the currents from the two transistors gives a current which can be much more stable in terms of temperature than the individual currents in each of the transistors. <IMAGE>

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IPC 8 full level
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CPC (source: EP US)
G05F 3/245 (2013.01 - EP US); **G05F 3/247** (2013.01 - EP US); **Y10S 323/907** (2013.01 - EP US)

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