

Title (en)  
Current source circuit

Title (de)  
Stromquellenschaltung

Title (fr)  
Circuit de source de courant

Publication  
**EP 0483537 B1 19960605 (DE)**

Application  
**EP 91116900 A 19911004**

Priority  
DE 4034371 A 19901029

Abstract (en)  
[origin: US5204612A] A current having a high negative temperature coefficient can be tapped from a current source circuit connected as a loop out of two current mirror circuits and having a resistor. Furthermore, a current source circuit of this type made with CMOS technology has a high current requirement. The invention permits a reduction of these drawbacks by replacing the resistor with a connected capacitor.

IPC 1-7  
**G05F 3/26**

IPC 8 full level  
**G05F 3/24** (2006.01); **G05F 3/26** (2006.01)

CPC (source: EP US)  
**G05F 3/262** (2013.01 - EP US); **G05F 3/267** (2013.01 - EP US)

Cited by  
EP0623865A3; US7242241B2; WO03098368A1

Designated contracting state (EPC)  
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DOCDB simple family (publication)  
**DE 4034371 C1 19911031**; DE 59107888 D1 19960711; EP 0483537 A2 19920506; EP 0483537 A3 19921125; EP 0483537 B1 19960605; HK 59797 A 19970516; JP 2504647 B2 19960605; JP H05189071 A 19930730; US 5204612 A 19930420

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**DE 4034371 A 19901029**; DE 59107888 T 19911004; EP 91116900 A 19911004; HK 59797 A 19970508; JP 28241891 A 19911029; US 74302691 A 19910809