

Title (en)  
Internal supply voltage generating circuit

Title (de)  
Schaltungsanordnung zur Erzeugung einer internen Versorgungsspannung

Title (fr)  
Circuit générateur d'une tension d'alimentation interne

Publication  
**EP 0872789 A3 19990414 (DE)**

Application  
**EP 98105983 A 19980401**

Priority  
DE 19716430 A 19970418

Abstract (en)  
[origin: EP0872789A2] An internal supply voltage (Vccint) generation circuit arrangement including a reference voltage generator (RG) which detects a voltage proportional to the external supply voltage (Vccext) and then generates a reference voltage (Vref) in dependence of the amplitude of this voltage, the reference voltage serving to control the internal supply voltage (Vccint) generating device. At least two constant voltage values of the reference voltage (Vref) can be generated from the reference voltage generator (RG), the latter comprising at least two voltage sources (VREF1,VREF2), one of which is designed with a double current-mirror circuit.

IPC 1-7  
**G05F 1/46**

IPC 8 full level  
**G05F 3/24** (2006.01); **G05F 1/46** (2006.01); **G11C 5/14** (2006.01); **G11C 11/407** (2006.01)

CPC (source: EP KR US)  
**G05F 1/465** (2013.01 - EP KR US); **G05F 1/468** (2013.01 - KR)

Citation (search report)

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- [A] EP 0063483 A2 19821027 - HITACHI LTD [JP]

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AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)  
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**EP 98105983 A 19980401**; CN 98106648 A 19980417; DE 19716430 A 19970418; DE 59800515 T 19980401; JP 11995598 A 19980415; KR 19980013540 A 19980416; TW 87105367 A 19980409; US 6331498 A 19980420