Title (en)

CONTROLLABLE CURRENT SOURCE

Publication

EP 0535708 A3 19931110 (DE)

Application

EP 92116935 A 19921002

Priority

DE 4133019 A 19911004

Abstract (en)

[origin: EP0535708A2] The controllable voltage regulator (3) exhibits an inhibit input (3c) which is connected to the output (4e) of a microcontroller (4) via a diode (7). The output (4e) is short-circuited to the reset input (4b) of the microcontroller. When the voltage regulator (3) is switched off by the microcontroller (4), it pulls the output (4e) to earth which triggers a reset. The reset switches the controller output to a high impedance and the voltage regulator remains switched off. <IMAGE>

IPC 1-7

G05F 1/577; G06F 1/30

IPC 8 full level

G05F 1/577 (2006.01); **G06F 1/30** (2006.01)

CPC (source: EP)

G05F 1/577 (2013.01)

Citation (search report)

- [A] US 4812677 A 19890314 - PERRY RICHARD D [US]
- [A] REINER R.: "5-V LOW-DROP VOLTAGE REGULATORS FOR MICROCONTROLLER SYSTEMS IN AUTOMOBILES.", COMPONENTS., SIEMENS AKTIENGESELLSCHAFT. MUNCHEN., DE, vol. 24., no. 05., 1 October 1989 (1989-10-01), DE, pages 190 - 193., XP000073445, ISSN: 0945-1137
- [A] NATHE A., KISTERS G.: "VOLTAGE REGULATOR WITH ADDITIONAL WATCHDOG FUNCTION.", PROCEEDINGS OF THE INTERNATIONAL CONFERENCE ON CONSUMER ELECTRONICS. (ICCE). ROSEMONT, ILL., JUNE 6 - 8, 1990., NEW YORK, IEEE., US, vol. CONF. 9, 6 June 1990 (1990-06-06), US, pages 186 - 187., XP000169812

Designated contracting state (EPC)

DE FR GB IT

DOCDB simple family (publication)

EP 0535708 A2 19930407; **EP 0535708 A3 19931110**; **EP 0535708 B1 19961227**; DE 59207759 D1 19970206

DOCDB simple family (application)

EP 92116935 A 19921002; DE 59207759 T 19921002