Title (en)

POWER SUPPLY CIRCUIT AND TRANSMISSION DEVICE USING SUCH A POWER SUPPLY CIRCUIT

Publication

EP 0087541 B1 19890503 (FR)

Application

EP 82430005 A 19820225

Priority

EP 82430005 A 19820225

Abstract (en)

[origin: US4482815A] A back-up voltage source useful over a comparatively long time interval during a power outage or voltage fluctuation is described. A circuit for adjusting the position of a voltage difference available at the back-up supply outputs is described. A potential difference appearing at the terminals of a floating voltage source is connected to a reference circuit for generating a voltage reference from the difference of potential. A voltage follower connected to the reference and to a second voltage source is employed to cause the voltage follower to reposition the potential difference of the supply so as to force the voltage reference to a level equal to the second voltage source.

IPC 1-7

G05F 1/56

IPC 8 full level

G05F 1/56 (2006.01); **G05F 1/585** (2006.01)

CPC (source: EP US)

G05F 1/585 (2013.01 - EP US)

Citation (examination)

- ELECTRONIC ENGINEERING, vol.50, no.603, mars 1978, Londres (GB). D.J. BATTISON: "A differential power supply converter", page 19
- IBM TECHNICAL DISCLOSURE BULLETIN, vol.14, no.1, juin 1971, New York (US). R.A. TENLEY: "Power line disturbance support circuit", pages 68, 69

Designated contracting state (EPC)

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DOCDB simple family (publication)

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