

Title (en)
Protected system against excessive temperature

Title (de)
Geschütztes System gegen Übertemperatur

Title (fr)
Système protégé contre une température excessive

Publication
EP 0809168 A1 19971126 (FR)

Application
EP 97201433 A 19970513

Priority
FR 9606358 A 19960522

Abstract (en)
The power limiting method involves forming an adjustable voltage. An information signal formed by a temperature measurement is used to generate a control voltage. This maintains a constant supply voltage so long as the temperature remains at a given level. The supply voltage is decreased in proportion to a rise in temperature beyond the threshold. Two temperature thresholds, each corresponding to an amount of difference in reduction of supply voltage are used. Successive variations in supply voltage are created in response to a clock in one direction or another depending upon whether the threshold is exceeded or not.

Abstract (fr)
En cas de température excessive, plutôt que de limiter la puissance dissipée par un composant particulier dont la tension d'alimentation resterait inchangée, c'est la tension d'alimentation générale qui est abaissée. Ceci est fait systématiquement, lorsque la température atteint un seuil prédéterminé. Application : entre autres, systèmes de distribution de télévision par câble. <IMAGE>

IPC 1-7
G05F 1/46

IPC 8 full level
H02J 1/00 (2006.01); **G05F 1/10** (2006.01); **G05F 1/46** (2006.01); **G05F 1/56** (2006.01)

CPC (source: EP US)
G05F 1/463 (2013.01 - EP US); **Y10S 323/907** (2013.01 - EP US)

Citation (search report)

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