

Title (en)
TEMPERATURE COMPENSATING CIRCUIT

Title (de)
TEMPERATURAUSGLEICHSSCHALTUNG

Title (fr)
CIRCUIT DE COMPENSATION THERMIQUE

Publication
EP 1726091 A1 20061129 (EN)

Application
EP 05717270 A 20050308

Priority

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Abstract (en)
[origin: WO2005086343A1] The invention relates to a temperature compensating circuit for an amplifier. The circuit comprises a voltage regulator, a component arrangement and a resistor coupling of at least two resistor units. At least part of the output voltage of the temperature compensating circuit is adjustable. The component arrangement includes at least one component with a known temperature dependency of voltage. The resistor coupling forms a slope coefficient as a ratio of values of the resistors in the resistor coupling. The resistor coupling is coupled to the a component arrangement in order to provide the temperature compensating circuit with an output voltage having a temperature dependency which is a function of the slope coefficient and the known temperature dependency of the component arrangement.

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