

Title (en)

Calibratable microwave circuit with illuminable GaAs FET,calibrating device and process

Title (de)

Kalibrierbare Mikrowellen-Schaltung mit beleuchtbaren GaAs-FET sowie Kalibriervorrichtung und Verfahren zur Kalibrierung

Title (fr)

Circuit calibrable à micro-ondes avec un transistor éclairable en GaAs à effet de champ,dispositif et procédé de calibrage

Publication

**EP 1715543 B1 20070704 (DE)**

Application

**EP 06012897 A 20050422**

Priority

- EP 05733713 A 20050422
- DE 102004024367 A 20040517

Abstract (en)

[origin: WO2005114774A2] An electronic microwave circuit (1) with GaAs field effect transistors (15) integrated on a semiconductor substrate (5) for switching electric input high-frequency signals (16) has at least one light source (2) for illuminating the GaAs field effect transistors (15). The light intensity of the light source (2) and/or its colour can be modified during operation. A calibrating device (20) calibrates the light intensity and/or colour of the light source (2) according to the claimed process.

IPC 8 full level

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CPC (source: EP US)

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**EP 2005004330 W 20050422**; DE 102004024367 A 20040517; DE 502005000357 T 20050422; DE 502005000980 T 20050422; EP 05733713 A 20050422; EP 06012897 A 20050422; US 57574105 A 20050422