

Title (en)

CIRCUIT ARRANGEMENT AND METHOD FOR TESTING THE FUNCTION OF A POWER TRANSISTOR

Title (de)

SCHALTUNGSANORDNUNG UND VERFAHREN ZUR FUNKTIONSÜBERPRÜFUNG EINES LEISTUNGSTRANSISTORS

Title (fr)

CIRCUIT ET PROCEDE POUR CONTROLER LE FONCTIONNEMENT D'UN TRANSISTOR DE PUISSANCE

Publication

EP 1957993 A1 20080820 (DE)

Application

EP 06807800 A 20061110

Priority

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Abstract (en)

[origin: DE102005055954A1] The arrangement has a control device (2) with a signal output that is connected to a gate (G) by a gate-connection contact (3g). A capacitance measuring device (6) measures a gate-connection-capacitance between the gate-connection contact and a power electrode-connection contact (3s). An evaluation device (8) compares the measured gate-connection-capacitance with a gate capacitance (Cg) and outputs an error signal in dependence of the comparison. An independent claim is also included for a method for functional inspection of power transistors.

IPC 8 full level

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CPC (source: EP US)

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