

Title (en)
SYSTEM FOR CHARACTERISING A POWER DIODE

Title (de)
SYSTEM ZUR CHARAKTERISIERUNG EINER LEISTUNGSDIODE

Title (fr)
SYSTEME DE CARACTERISATION D'UNE DIODE DE PUISSANCE

Publication
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Application
EP 17804237 A 20171106

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• FR 1660871 A 20161109
• FR 2017053026 W 20171106

Abstract (en)
[origin: WO2018087460A1] The invention relates to a device (1) for characterising a power diode (2), comprising: - first and second power supply nodes (11, 12); - a power supply (3) comprising: - a first voltage source (311) connected to the first node (11); - a second voltage source (323); - a first resistor (322) connected in series between the second voltage source and the second node (12); - a controlled switch (6) for selectively connecting the second node (12) to a potential less than a first potential; - a voltage clipping circuit (4) comprising: - a third voltage source; - a second resistor and a first diode connected in series between the third voltage source and the second node; - a measurement terminal, connected to an intermediate node between the second resistor and the first diode.

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