

Title (en)

Power line impedance testing appliance, and its use in a pyrotechnical device firing test.

Title (de)

Prüfanordnung für die Leistungslinienimpedanz und deren Anwendung für Zündtester von pyrotechnischen Mitteln.

Title (fr)

Dispositif de test de l'impédance d'une ligne de puissance et son application au test d'amorces de moyens pyrotechniques.

Publication

EP 0296015 A1 19881221 (FR)

Application

EP 88401366 A 19880606

Priority

FR 8708266 A 19870615

Abstract (en)

This device makes it possible to test at least one power line comprising an electrical charge connected to a power stage capable of feeding it with a high nominal direct current. It comprises: - direct-current generating means (205, 207) capable of circulating in said line (Li) a test direct current (Im) of low value in relation to the nominal current, - an electrical dipole (Di) connected in said power line and capable of generating a constant offset voltage bringing the power stage (10i) to saturation when the test direct current passes through the charge (Rci), - means (206, 208) for measuring the voltage drop at the terminals of the power line, and - means (209-213) for processing the result of said voltage measurement. The invention is used for testing the primers of electrically ignited pyrotechnic means. <IMAGE>

IPC 1-7

F42C 21/00; G01R 31/02

IPC 8 full level

F42C 21/00 (2006.01); **F42D 1/05** (2006.01)

CPC (source: EP)

F42C 21/00 (2013.01); **F42D 1/05** (2013.01)

Citation (search report)

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- [Y] FR 2568408 A1 19860131 - PORSCHE AG [DE]
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EP0611944A1; CN103017608A; WO2005005921A1; WO2022084338A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

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