

Title (en)

PERIPHERAL POWER SUPPLY MODULE FOR ELECTRONIC DETONATOR

Title (de)

PERIPHERES STROMVERSORGUNGSMODUL FÜR ELEKTRONISCHEN DETONATOR

Title (fr)

MODULE PÉRIPHÉRIQUE D'ALIMENTATION POUR DÉTONATEUR ÉLECTRONIQUE

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Application

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Abstract (en)

[origin: WO2017109417A1] The invention relates to a peripheral power supply module (150) for an electronic detonator (110), which includes an on-board power source (157), wireless communication means (153) with a remote control console, processing means (156) and wired communication means (155) with at least one electronic detonator (110). Means forming a switch (K0) are mounted between, on the one hand, the on-board power source (157) and, on the other hand, the wireless communication means (153), the processing means (156) and the wired communication means (155). The peripheral power supply module (150) also includes means for detecting the coupling (158) of at least one electronic detonator (110), said means for coupling detection (158) being suitable for controlling said means forming a switch (K0) in order to supply said processing means (156) with power by means of said on-board power source (157) when at least one electronic detonator (110) is coupled to said peripheral power supply module (150), such that said peripheral power supply module (150) is in activated mode. The invention also relates to the use in particular in a pyrotechnical initiation system.

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