

Title (en)  
DETONATION SYSTEM FOR DETONATORS WHICH CAN BE TRIPPED BY RADIO, AND A METHOD FOR TRIPPING THESE DETONATORS

Title (de)  
ZÜNDEINRICHTUNG FÜR ZÜNDER, DIE MITTELS FUNK AUSLÖSBAR SIND UND VERFAHREN ZUM AUSLÖSEN DIESER ZÜNDER

Title (fr)  
DISPOSITIF D'ALLUMAGE POUR AMORCES POUVANT ETRE DECLENCHEES PAR RADIO ET PROCEDE POUR DECLENCHER CES AMORCES

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Application  
**EP 99971499 A 19991027**

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Abstract (en)  
[origin: WO0026607A1] The invention relates to a detonation system for detonators, which can be tripped by radio, comprised of at least one tripping device to which at least one electric or electronic detonator is connected. The inventive system also comprises a detonation device which can be arranged at a spatial distance from the tripping device, whereby at least the detonation device can communicate with the tripping device via radio signals. The inventive system is characterized in that at least one of the tripping units (2a, 2b) contains a removable data carrier (6a, 6b) which can be inserted into the detonation unit (3). In addition, the detonation unit (3) comprises a reading device (15) for the data of the inserted data carrier (6a, 6b). The tripping device (2a, 2b) and the data support (6a, 6b) allocated thereto contain identical identification characteristics and information necessary for tripping the connected detonator (10a to 10n, 10a' to 10n'). The tripping device (2a, 2b) is activated by removing the data carrier (6a, 6b) and can be placed in a receiving state or, in the case of possible bi-directional communication, can be placed in a transmitting and receiving state. The detonation device (3) is likewise placed in a transmitting standby mode or in a transmitting and receiving standby mode after inputting the data.

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