

Title (en)

SYSTEM FOR PROGRAMMING AND LIGHTING ELECTRONIC DETONATORS AND ASSOCIATED METHOD

Title (de)

SYSTEM ZUR PROGRAMMIERUNG UND ZÜNDUNG VON ELEKTRONISCHEN SPRENGZÜNDERN SOWIE ZUGEHÖRIGES VERFAHREN

Title (fr)

SYSTEME DE PROGRAMMATION ET DE MISE A FEU DE DETONATEURS ELECTRONIQUES, PROCEDE ASSOCIE

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Application

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Abstract (en)

[origin: WO2011095730A1] The present invention relates to a system for programming and lighting electronic detonators (1) each having an identifier (IDdet) associated therewith, as well as to a corresponding method. The system includes: a programming unit (20) arranged to determine the identifiers of the detonators (1) and to associate said detonators individually, in memory, with a lighting time delay (Tdet) in order to form a blasting pattern (PT); a blasting unit (10) arranged to recover the blasting pattern (PT) from the memory (280) of the programming unit (20), and to control a blasting sequence of the detonators according to the recovered blasting pattern; and said programming unit (20) includes: a passive RFID tag (28) provided with a chip (280) acting as a memory for storing the blasting pattern (PT), and a radiofrequency reader (27) arranged such as to read/write passive tags.

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