Title (en)

AN ELECTRONIC DETONATING SYSTEM FOR A SUBMUNITION AND A METHOD FOR ARMING THE SYSTEM

Title (de)

ELEKTRONISCHES ZÜNDUNGSSYSTEM FÜR EINE SUBMUNITION UND VERFAHREN ZUM SCHARFMACHEN DES SYSTEMS

Title (fr)

SYSTEME DE MISE A FEU ELECTRONIQUE POUR SOUS-MUNITION ET PROCEDE D'ARMEMENT DE CE SYSTEME

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Application

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Priority

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Abstract (en)

[origin: WO2004042316A1] An electronic detonating system (10) for a submunition and a method for arming the system (10) are described. The system (10) has a system housing (12) and a rotor switch assembly (14) mounted to the system housing (12). The rotor switch assembly (14) has a rotor housing (16) with a spring mount (34), a rotor (18) mounted to the rotor housing (16), electronic switch circuitry (20) coupled to an electric detonator and mounted to the rotor (18), a rotor retaining pin (22) coupled to a catch (24) formed by the electronic switch circuitry (20) to thereby retain the rotor (18) in a safe mode prior to arming the system (10) after launching the submunition, and a torsion spring (26) mounted to the spring mount (34) to bias the rotor (18) towards an arming position of the system (10) upon disengagement of the rotor retaining pin (22) from the catch (22).

IPC 8 full level

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