

Title (en)

Electropyrotechnic device for triggering the functioning of a gas generator.

Title (de)

Elektropyrotechnische Vorrichtung zur Inbetriebnahme eines Gasgenerators.

Title (fr)

Dispositif électropyrotechnique destiné à déclencher le fonctionnement d'un générateur de gaz.

Publication

EP 0404644 A1 19901227 (FR)

Application

EP 90401674 A 19900615

Priority

FR 8908183 A 19890620

Abstract (en)

The invention relates to a system employing an electropyrotechnic device for sequentially triggering the functioning of a gas-generator battery. <??>The ignition of the double-base propellant cakes (P) is obtained by means of the combination of EFI (1) and an IFOC, arranged in such a way that the sealing barrier (3) between the cavity (Ca) containing the secondary donor explosive (2) and the downstream chamber (Ch) containing the secondary receiver explosive is none other than part of the element (21) closing the rear bottom (16) carrying the nozzles (12, 13) which is integral with the shell (10). <??>The control electronics of the EFI (1) are contained in the housing (17) capping the rear bottom (16) of the powder generator, the assembly as a whole being closed by means of a cover (35). <??>The invention is used particularly in the sector of the ejection of submunitions. <IMAGE>

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IPC 8 full level

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Citation (search report)

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