ABSTRACT

TITLE:

Electropyrotechnic initiator

APPLICANT:

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INVENTION OF:

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The invention concerns an electropyrotechnic initiator comprising a pyrotechnic charge (6), said charge (6) containing at least one compound. It also comprises a box (1) of plastic material comprising two sub-assemblies. The first sub-assembly (2) comprises a plastic wall (4) integral with a bottom (5) also made of plastic and forming a content. The second plastic sub-assembly (3) having a main axis (10) is traversed by at least two pins (11, 12) along the direction of said axis (10). These pins (11, 12) are connected together by an electric bridge (13) on a face (14) of said sub-assembly (3). This face (14) is hollowed symmetrically over a height H and a width L. The second sub-assembly (3) forms a socket. The first (2) and second (3) sub-assemblies are assembled hermetically by ultrasonic welding.

Figure 1