

Title (en)

Self-destruction system for submunition by chemical etching

Title (de)

Selbstzerlegungssystem für Submunition mittels chemischer Ätzung

Title (fr)

Système d'auto-destruction d'une munition d'obus cargo par attaque chimique

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Application

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Abstract (en)

[origin: EP0573328A1] The invention relates to a mechanical self-destruction system for a munition piece, particularly for a cargo-shell submunition piece, the munition piece being provided with a military charge (4) initiated by a pyrotechnic chain (1) comprising a main striker (2) and a priming device which consists of a slide (3) movable between a safety position and an arming position and which carries a means (6) for priming the charge (4). The system (10) comprises a secondary striker (15) mounted inside a receptacle (5b) of the slide (5) and a control device (16) for releasing the secondary striker (15) after a predetermined delay. The secondary striker (15) is integral with a retaining element (25) kept bearing on a seat (28) under the stress of an arming spring (26), the control device (16) of the secondary striker (15) comprising a corrosive agent (30) intended for attacking the retaining element (25) chemically in order to release it from its seat (28). <IMAGE>

IPC 1-7

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