

Title (en)

Fuse for a bomblet.

Title (de)

Bombletzünder.

Title (fr)

Allumeur pour sous-munition du type "bomblet".

Publication

EP 0411243 B1 19931118 (DE)

Application

EP 90105124 A 19900319

Priority

DE 3925235 A 19890729

Abstract (en)

[origin: US5048419A] A fuze for an explosive projectile, particularly a submunition projectile (bomblet) which includes a first primary firing pin mounted in a housing for axial displacement in the longitudinal direction, and a detonation charge carried by a slide disposed in the housing, with the slide being mounted for displacement transverse to the longitudinal direction of said housing, and to its center longitudinal axis, between a safety position, wherein the detonation charge is not aligned with the firing pin, and an armed position, wherein the detonation charge is aligned with the firing pin. The slide is further provided with a self destruct arrangement, which includes an ignition element disposed adjacent an edge of the slide, to cause self destruction of at least said fuze after a given time delay following ignition of the ignition element. A second firing pin is mounted laterally in the fuze housing at a position for causing ignition of the ignition element upon displacement of said slide into the armed position, with the second firing pin being a flat strip of sheet metal in the shape of a pointed wedge or triangle disposed in the displacement path of the slide.

IPC 1-7

F42C 9/16; **F42C 15/184**; **F42C 19/00**

IPC 8 full level

F42C 1/02 (2006.01); **F42C 9/14** (2006.01); **F42C 9/16** (2006.01); **F42C 15/184** (2006.01); **F42C 19/00** (2006.01)

CPC (source: EP US)

F42C 1/02 (2013.01 - EP US); **F42C 9/142** (2013.01 - EP US); **F42C 15/184** (2013.01 - EP US)

Cited by

FR2816400A1; FR2801099A1; US6848367B2; WO9635095A1; WO0239049A1

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