

Title (en)
BOMBLET FUZE

Publication
EP 0411258 A3 19930303 (DE)

Application
EP 90109416 A 19900518

Priority
DE 3925238 A 19890729

Abstract (en)
[origin: US5022325A] A fuze for a bomblet projectile of the type including a 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 for displacement in a direction transverse to said longitudinal direction of the housing, between a safety position, wherein the detonation charge is not aligned with the primary firing pin, and an armed position, wherein the detonation charge is aligned with primary firing pin. To further improve the firing and safety devices of such fuzes and permit safe pick-up of duds, a lateral recess is provided in a side surface of the slide in the form of a longitudinal groove so that the movement of the slide, if minimum centrifugal forces are no longer present, can be arrested in an intermediate position by renewed engagement of a spring tensioned safety pin in the recess. In this intermediate position the detonation charge remains off center or non-aligned with the primary firing pin, in an interrupted line of ignition. Moreover, in the intermediate position, the slide and in particular ignition element for a self-destruct charge carried by the slide, remains spaced from second firing pin disposed laterally in the housing at the armed position.

IPC 1-7
F42C 15/184; **F42C 15/44**; **F42C 9/10**

IPC 8 full level
F42C 9/10 (2006.01); **F42C 15/184** (2006.01); **F42C 15/44** (2006.01)

CPC (source: EP US)
F42C 15/184 (2013.01 - EP US); **F42C 15/44** (2013.01 - EP US)

Citation (search report)

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Designated contracting state (EPC)
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