

Title (en)

Ammunition fuse with muzzle safety and projectile containing such a fuse.

Title (de)

Vorrohr-Sicherheitszünder und mit diesem ausgestattetes Geschoss.

Title (fr)

Fusée à sécurité de bouche et projectile comportant une telle fusée.

Publication

**EP 0602632 A3 19950503 (DE)**

Application

**EP 93120266 A 19931216**

Priority

DE 4242891 A 19921218

Abstract (en)

[origin: EP0602632A2] The invention relates to a safety fuze (18) for low-spin or spin-free projectiles and to a projectile equipped with this. To reduce the risk of ignition failure and trajectory deviation, this safety fuze (18) has a guide element (32) which is arranged fixedly in the projectile. A locking and release element (38) is arranged relative to the guide sleeve (32) in such a way that, after the projectile has emerged from the firing tube, the said locking and release element (38) is movable in the direction of flight during the flight through the region near the muzzle and opens a passage hole (54) of the guide element (32), in which passage hole a retaining element (52) for locking an ignition-release element (40) for the ignition of the projectile charge (22) is held on the guide element (32). Only when the passage hole (54) is open can the retaining element (52) emerge, as a result of which, on the impact of the projectile, the ignition-release element (40) can move in order to ignite the projectile charge (22). <IMAGE>

IPC 1-7

**F42C 15/24**

IPC 8 full level

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CPC (source: EP KR)

**F42C 1/04** (2013.01 - KR); **F42C 15/24** (2013.01 - EP KR)

Citation (search report)

- [Y] FR 690879 A 19300926 - ANCIENS ETS SKODA
- [Y] FR 1577357 A 19690808
- [A] US 1850042 A 19320315 - TORSTEN WENNERSTROM ERNST JOHA
- [AD] DE 2119574 A1 19750213 - FRANCE ETAT

Cited by

US2011297029A1; CN115235302A; US5889227A; CN107957221A; US6457416B1; US7047886B2

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**EP 93120266 A 19931216**; DE 4242891 A 19921218; DE 59308174 T 19931216; ES 93120266 T 19931216; JP 31498693 A 19931215; KR 930028154 A 19931217; TW 83101554 A 19940223