

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 B1 19980225 (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
F42C 15/184 (2006.01); **F42C 15/21** (2006.01); **F42C 15/24** (2006.01)

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

Cited by
US2011297029A1; CN115235302A; US5889227A; CN107957221A; US6457416B1; US7047886B2

Designated contracting state (EPC)
DE ES GB IT

DOCDB simple family (publication)
EP 0602632 A2 19940622; EP 0602632 A3 19950503; EP 0602632 B1 19980225; DE 4242891 A1 19940623; DE 59308174 D1 19980402; ES 2114584 T3 19980601; JP H06221800 A 19940812; KR 940015456 A 19940721; TW 253933 B 19950811

DOCDB simple family (application)
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