

Title (en)
Safety device for a pyrotechnic chain.

Title (de)
Sicherheitsvorrichtung für pyrotechnische Elemente.

Title (fr)
Dispositif de sécurité pour chaîne pyrotechnique.

Publication
EP 0016701 A1 19801001 (FR)

Application
EP 80400352 A 19800317

Priority
FR 7906883 A 19790319

Abstract (en)
[origin: ES8103370A1] The present invention relates to a safety device for a pyrotechnic assembly in a projectile, provided with an explosive charge, and comprising a mobile member actuated by a clockwork mechanism with pivoting regulator and with drive pinion and able to occupy two different positions, for the first of which the ignition of said explosive charge is prevented, while for the second of said positions the ignition of this explosive charge is possible, wherein said mobile member is housed in a recess in said projectile and encloses the clockwork mechanism, as well as a disengagement lever blocking in said first position any movement of said member with respect to the projectile but whose action may be inhibited by said clockwork mechanism and, in the first position, the axis of the pivoting regulator is merged with the axis of rotation of said projectile.

Abstract (fr)
Un organe mobile (1) est logé dans un évidement (8) d'un projectile (9) et enferme un mécanisme d'horlogerie. Cet organe mobile (1) peut se déplacer à partir d'une position de sécurité, dans laquelle l'axe du régulateur (15) du mécanisme d'horlogerie est confondu avec l'axe du projectile, vers une position d'armement; ce déplacement étant inhibé par ledit mécanisme d'horlogerie.

IPC 1-7
F42C 15/18; **F42C 9/02**

IPC 8 full level
F42C 9/02 (2006.01); **F42C 9/04** (2006.01); **F42C 15/18** (2006.01); **F42C 15/188** (2006.01)

CPC (source: EP US)
F42C 9/041 (2013.01 - EP US); **F42C 15/188** (2013.01 - EP US)

Citation (search report)
• US 3465676 A 19690909 - SIMMEN ROBERT
• FR 2370259 A1 19780602 - SORMEL SA [FR]
• FR 1179371 A 19590522 - INVENTA AG
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Designated contracting state (EPC)
AT BE CH DE GB IT LU NL SE

DOCDB simple family (publication)
EP 0016701 A1 19801001; **EP 0016701 B1 19830119**; AT E2286 T1 19830215; AU 534242 B2 19840112; AU 5635480 A 19800925; CA 1139990 A 19830125; DE 3061661 D1 19830224; ES 490301 A0 19810216; ES 8103370 A1 19810216; FR 2452082 A1 19801017; FR 2452082 B1 19860725; US 4320705 A 19820323

DOCDB simple family (application)
EP 80400352 A 19800317; AT 80400352 T 19800317; AU 5635480 A 19800312; CA 347030 A 19800305; DE 3061661 T 19800317; ES 490301 A 19800314; FR 7906883 A 19790319; US 12783480 A 19800306