

Title (en)

Safety arming device for explosive devices.

Title (de)

Sicherheitsausrüstung für Sprengkörper.

Title (fr)

Dispositif de sécurité d'armement pour engins explosifs.

Publication

**EP 0023179 A1 19810128 (FR)**

Application

**EP 80401071 A 19800718**

Priority

FR 7918552 A 19790718

Abstract (en)

1. An arming safety device, for use on mines, missiles or other weapons systems, comprising : - a mobile component (5) capable of rotatory or longitudinal travel housed in a support (1), locked in an initial position - "safety position" - and capable of taking up a final position - "armed position" ; - a control mechanism (9) consisting of a gas-generating pyrotechnic lock, which can be used to release said mobile component from its initial position ; - a mechanism (13) which supplies the energy required for said mobile component (5) to move from initial to final position ; safety device wherein said control mechanism (9) is partially engaged in said support (1) and in a blind housing, and detaches itself by reaction from said mobile component (5) when said mobile component (5) has been activated.

Abstract (fr)

Sécurité d'armement pour engins explosifs tels que mines ou missiles comportant un volet 5 logé dans un support 1 verrouillé initialement en position de sécurité et capable de prendre une position finale d'armement, un ressort 13 fournissant l'énergie nécessaire à la rotation du rotor et un verrou pyrotechnique 9 à échappement de gaz logé partiellement dans le volet 5 et dans le support 1.

IPC 1-7

**F42C 15/20**

IPC 8 full level

**F42C 15/31** (2006.01)

CPC (source: EP)

**F42C 15/31** (2013.01)

Citation (search report)

- FR 2174405 A6 19731012 - FRANCE ETAT [FR]
- FR 2319874 A1 19770225 - TRT TELECOM RADIO ELECTR [FR]
- US 3323460 A 19670606 - WAYNE BLISS ROBERT

Cited by

CN112894338A; US7387156B2

Designated contracting state (EPC)

DE GB

DOCDB simple family (publication)

**EP 0023179 A1 19810128; EP 0023179 B1 19840118**; DE 3066167 D1 19840223; FR 2461922 A1 19810206; FR 2461922 B1 19840120

DOCDB simple family (application)

**EP 80401071 A 19800718**; DE 3066167 T 19800718; FR 7918552 A 19790718