

Title (en)

Safety for a fuze of a sub-caliber projectile and process for arming said fuze

Title (de)

Sicherungsvorrichtung für einen Zünder eines Unterkalibergeschosses und Entsicherungsverfahren hierfür

Title (fr)

Sécurité d'une fusée d'un projectile sous-calibre et procédé d'armement de cette fusée

Publication

EP 2752637 B1 20180919 (DE)

Application

EP 13006033 A 20131220

Priority

DE 102013000180 A 20130107

Abstract (en)

[origin: EP2752637A2] The device has two safety elements (21, 24) for sensing environmental conditions. The elements comprise respective sensor elements (22) and permanent magnets (23). The sensor elements comprise respective magnetic sensors i.e. magnetoresistive sensors, arranged in a projectile body (11). One of the elements is designed such that rotation frequency of a guiding band (12) is sensed as environment condition and a signal (31) is generated. Another element is designed such that an outlet of a driving cage segment is sensed as another environment condition and another signal is generated. An independent claim is also included for a releasing method of a safety device.

IPC 8 full level

F42C 15/40 (2006.01); **F42B 14/02** (2006.01); **F42B 14/06** (2006.01)

CPC (source: EP)

F42B 14/02 (2013.01); **F42B 14/067** (2013.01); **F42C 15/40** (2013.01)

Designated contracting state (EPC)

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DE 102013000180 B3 20140403; EP 2752637 A2 20140709; EP 2752637 A3 20170726; EP 2752637 B1 20180919; ZA 201400003 B 20141029

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