

Title (en)

Grenade having dynamic arming means.

Title (de)

Granate mit dynamischer Scharfstellung.

Title (fr)

Grenade à armement dynamique.

Publication

**EP 0270421 A1 19880608 (FR)**

Application

**EP 87402529 A 19871110**

Priority

FR 8615712 A 19861112

Abstract (en)

[origin: US4773330A] The present invention provides a grenade with dynamic arming having a body and a fuse, in which arming of the fuse is made dependent on the dynamic unwinding of a ribbon which surrounds the fuse and which is weighted with an inertia block at the end of winding, wherein said inertia weight is held in position, before the grenade is thrown, by a long safety piece, called spoon, said weight is not secured to the spoon and, at the very beginning of the trajectory of the grenade, the inertia causes both ejection of the spoon and displacement of the inertia weight, this displacement causing dynamic unwinding of the ribbon and arming of the fuse.

Abstract (fr)

La grenade comprend un corps (1) et une fusée (2), l'armement de la fusée étant subordonné au déroulement dynamique d'un ruban (3) qui entoure la fusée (2) et qui est lesté d'une masselotte (4) maintenue en place par une cuiller (6) non solidaire de la masselotte (4). Par inertie, la cuiller (6) est éjectée et la masselotte (4) se déplace avec déroulement du ruban (3) et armement de la fusée (2).

IPC 1-7

**F42C 15/02**

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

- [A] DE 1057917 B 19590521 - LOSFELD ANDRE, et al
- [A] FR 1048876 A 19531224 - PLASTICAS ORAMIL S L
- [A] FR 503325 A 19200608 - ROBERTO TAEGGI PISCICELLI [IT]
- [A] GB 2059553 A 19810423 - OREGON ETS PATENTVERWERTUNG
- [A] AT 381586 B 19861110 - OREGON ETABLISSEMENT F R PATEN [LI]
- [A] FR 861148 A 19410201

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DOCDB simple family (publication)

**US 4773330 A 19880927**; BR 8706173 A 19880614; EP 0270421 A1 19880608; FR 2606501 A1 19880513; FR 2606501 B1 19890602; IL 84438 A0 19880429; MA 21106 A1 19880701; OA 08775 A 19890331; PT 86124 A 19881215

DOCDB simple family (application)

**US 11957487 A 19871112**; BR 8706173 A 19871111; EP 87402529 A 19871110; FR 8615712 A 19861112; IL 8443887 A 19871111; MA 21347 A 19871110; OA 59224 A 19871112; PT 8612487 A 19871112