

Title (en)
Smoke projectile.

Title (de)
Nebelwurfkörper.

Title (fr)
Munition fumigène.

Publication
EP 0636854 A1 19950201 (FR)

Application
EP 93402427 A 19931004

Priority
FR 9212697 A 19921023

Abstract (en)
[origin: FR2697328A1] The shell contains at least two smoke generating pots (7a, 7b) which are released by an ejector (15). The pots have axial channels (14a, 14b) which are aligned to form an ignition channel, with ignition provided by the ejector. The shell is equipped with a connector (18) which holds the two pots together temporarily during their trajectory and up to ejection. The connector comprises a cylindrical ring which penetrates the axial channel of each pot through holed in their covers (12a, 12b), and a collar which is held between the two pots. The ring can be made, for example, from a natural or synthetic polymer. In a shell designed to produce a cloud of smoke which is infrared opaque, the forward part of its casing can incorporate a chamber with a charge of dispersible powder which gives instantaneous infrared masking. USE/ADVANTAGE - Shell produces infrared opaque smokescreen. Smoke generating pots land only a short distance from one another, preventing gaps in screen.

Abstract (fr)
Le secteur technique de l'invention est celui des munitions fumigènes. La munition (1) selon l'invention comprend au moins deux pots fumigènes (7a,7b) disposés dans une enveloppe (2) et éjectés hors de cette dernière au moyen d'une composition d'éjection (15), chaque pot présente un canal axial (14a,14b) et les canaux axiaux sont alignés de façon à constituer un canal d'allumage des pots fumigènes, l'allumage étant assuré par la composition d'éjection, cette munition est caractérisée en ce qu'elle comporte des moyens (18) assurant une liaison axiale temporaire des deux pots fumigènes (7a,7b) lors de leur éjection et sur leur trajectoire. Application aux munitions engendrant un nuage de fumée opaque aux infra-rouge.
<IMAGE>

IPC 1-7
F42B 12/62; **F42B 12/48**

IPC 8 full level
F42B 5/155 (2006.01); **F42B 12/48** (2006.01); **F42B 12/50** (2006.01); **F42B 12/62** (2006.01)

CPC (source: EP US)
F42B 5/155 (2013.01 - EP US); **F42B 12/48** (2013.01 - EP US); **F42B 12/50** (2013.01 - EP US); **F42B 12/62** (2013.01 - EP US)

Citation (search report)

- [AD] FR 2612287 A1 19880916 - FRANCE ETAT ARMEMENT [FR], et al
- [A] US 3575111 A 19710413 - RICHARDSON RAYMOND L
- [A] FR 2280876 A1 19760227 - RHEINMETALL GMBH [DE]
- [A] EP 0086708 A1 19830824 - LACROIX SOC E [FR]
- [AD] FR 2560186 A1 19850830 - FRANCE ETAT ARMEMENT [FR]

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DOCDB simple family (application)
FR 9212697 A 19921023; CA 2108991 A 19931022; DE 69311805 T 19931004; EP 93402427 A 19931004; US 13979793 A 19931022