

Title (en)

Nonlethal fragmentation grenade comprising means to hold the igniter plug

Title (de)

Nichttödliche Splittergranate mit Zündkappenhaltevorrichtung

Title (fr)

Grenade à éclats non létaux comprenant des moyens de maintien de bouchon allumeur

Publication

EP 2650637 A3 20131030 (FR)

Application

EP 13163412 A 20130411

Priority

FR 1253349 A 20120412

Abstract (en)

[origin: EP2650637A2] The grenade has a mechanical maintenance structure (300) for maintaining studs (200) prior to operation of a spark-gap tube (100), so that studs are propelled at time of deformation/swelling of the structure under operation effect of pyrotechnic composition contained in the tube. The structure includes a material part that is molded on crown parts of the studs. An insert (400) is placed in a vicinity of an axial end of a molded part and includes a tapping part (416) that is used to support the tube and a projection (460) projects on the structure to avoid expansion of the molded part.

IPC 8 full level

F42B 8/18 (2006.01); **F42B 8/26** (2006.01); **F42B 12/60** (2006.01); **F42B 27/00** (2006.01)

CPC (source: EP)

F42B 8/26 (2013.01); **F42B 12/60** (2013.01)

Citation (search report)

- [XYI] EP 2439483 A1 20120411 - ARMEMENT ET D ETUDES ALSETEX SOC D [FR]
- [Y] FR 1134371 A 19570410 - BETTS & CO LTD
- [A] FR 2923004 A1 20090501 - APPLIC DES PROCEDES LEFEBVRE S [FR], et al

Cited by

CN105987648A; US10030955B1; CN116899242A

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

EP 2650637 A2 20131016; **EP 2650637 A3 20131030**; **EP 2650637 B1 20141112**; ES 2529657 T3 20150224; FR 2989457 A1 20131018; FR 2989457 B1 20170317

DOCDB simple family (application)

EP 13163412 A 20130411; ES 13163412 T 20130411; FR 1253349 A 20120412