

Title (en)
DISINTEGRATING IGNITER DEVICE

Publication
EP 0392533 A3 19920304 (DE)

Application
EP 90107028 A 19900412

Priority
DE 3912183 A 19890413

Abstract (en)
[origin: EP0392533A2] What is described is a disintegrating igniter device for projectiles, grenades, cartridges, missiles and the like, consisting of a thin-walled aluminium sleeve, of a disintegrating ignition charge arranged in this, if appropriate of an ignition aid located in this charge, and of a flange piece arranged at the head end of the aluminium sleeve and having an axial bore, the aluminium sleeve being covered with a thin-walled plastic casing which is preferably produced from a shrinkable tube. Furthermore, there is preferably also a specially designed ignition aid which consists of ignition particles randomly distributed in the disintegrating igniter charge. Such a disintegrating igniter device is characterised by an especially clear-cut and reliable functioning, since its function pattern remains virtually unchanged even under the effects of a high load, such as occurs with the use of devices into which such disintegrating igniter devices are installed.

IPC 1-7
F42B 5/145

IPC 8 full level
F42B 5/145 (2006.01); **F42C 19/08** (2006.01)

CPC (source: EP US)
F42C 19/0826 (2013.01 - EP US)

Citation (search report)

- [A] DE 3701145 A1 19870820 - BUNDESREP DEUTSCHLAND [DE]
- [A] DE 3416736 A1 19851114 - DYNAMIT NOBEL AG [DE]
- [A] FR 2593905 A1 19870807 - FRANCE ETAT ARMEMENT [FR]
- [AD] DE 3515166 A1 19861030 - BUCK CHEM TECH WERKE [DE]

Cited by
US5895881A; DE29517208U1; EP1067358A2

Designated contracting state (EPC)
AT BE CH DE FR GB IT LI NL SE

DOCDB simple family (publication)
EP 0392533 A2 19901017; EP 0392533 A3 19920304; EP 0392533 B1 19950823; AT E126882 T1 19950915; CA 2014553 A1 19901013; CA 2014553 C 19950620; DE 3912183 A1 19901018; DE 3912183 C2 19910228; DE 59009544 D1 19950928; US 5345871 A 19940913

DOCDB simple family (application)
EP 90107028 A 19900412; AT 90107028 T 19900412; CA 2014553 A 19900412; DE 3912183 A 19890413; DE 59009544 T 19900412; US 8860993 A 19930707