

Title (en)  
Primer for propulsive charge

Title (de)  
Treibladungsanzünder

Title (fr)  
Allumeur de charge propulsive

Publication  
**EP 1039260 A3 20001115 (DE)**

Application  
**EP 00116559 A 19970702**

Priority  
• DE 19631185 A 19960802  
• EP 97110971 A 19970702

Abstract (en)  
[origin: EP0822385A1] The detonator for cartridge ammunition has a detonation tube (4) carrying the primer charge (5). The detonation tube (4) has a tube mantle (8) round the ignition openings (9). A thin-wall shrouding tube (10) protects the charge (5) against ambient conditions, with its outer wall flush against the inner wall of the tube mantle (8) and covers the ignition openings (9). The shrouding tube (10) is of glass, an oxide or glass ceramic, a metal foil or metal alloy, or of plastics produced by differing processes. A plastics inner liner (10) can be produced by rotary casting or blow moulding, using polypropylene (PP), polyethylene (PE), polyethylene terephthalate (PET), polymethylene pentene (PMP), ethylene propylene diene monomer (EPDM) and their co- and ter-polymerisates. Fluor rubber types and thermoplastic elastomers can also be used. The shrouding/inner liner (10) has a wall thickness of 0.1-0.8 mm.

IPC 1-7  
**F42C 19/08**

IPC 8 full level  
**F42C 19/08** (2006.01)

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

Citation (search report)  
• [Y] FR 2343987 A1 19771007 - FRANCE ETAT [FR]  
• [Y] US 3003419 A 19611010 - FITE JR GEORGE WALLACE  
• [A] GB 2134230 A 19840808 - VALSELLA MECCANOTECNICA SPA  
• [DA] US 5140906 A 19920825 - LITTLE II DAVID J [US]  
• [A] US 4335653 A 19820622 - BRATT SVEN-ERIK, et al  
• [DA] US 5052302 A 19911001 - TADDEO RALPH M [US], et al  
• [DA] US 2446187 A 19480803 - MEISTER LEO T  
• [A] FR 2591735 A1 19870619 - THOMSON BRANDT ARMEMENTS [FR]

Cited by  
EP1577634A1

Designated contracting state (EPC)  
AT CH DE ES LI NL SE

DOCDB simple family (publication)  
**EP 0822385 A1 19980204; EP 0822385 B1 20011107**; AT E208488 T1 20011115; AT E225028 T1 20021015; AT E226716 T1 20021115; DE 19631185 A1 19980205; DE 59705248 D1 20011213; DE 59708344 D1 20021031; DE 59708585 D1 20021128; EP 1039260 A2 20000927; EP 1039260 A3 20001115; EP 1039260 B1 20020925; EP 1067358 A2 20010110; EP 1067358 A3 20010124; EP 1067358 B1 20021023; ES 2165546 T3 20020316; ES 2180491 T3 20030216; US 5895881 A 19990420

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