

Title (en)

Caseless unitized ammunition charge module.

Title (de)

Hülsenloses einheitsliches Ammunitionsladungsmodul.

Title (fr)

Charge modulaire de munition unitaire sans douille.

Publication

**EP 0475207 B1 19950809 (EN)**

Application

**EP 91114546 A 19910829**

Priority

US 57505790 A 19900830

Abstract (en)

[origin: EP0475207A1] A unitary propellant charge module for use in separate ammunition comprises a combustible container (18) having a generally hollow cylindrical shape, a generally cylindrical charge body (12) of interconnected compacted spheroidal propellant grains disposed within the container, each of the grains having an uncompacted propellant grain diameter of at least 100 mils, and at least one generally tubular center core igniter body (13) of interconnected compacted spheroidal propellant grains having an unrolled grain size between about 20 to less than 100 mils in diameter. The igniter body (13) is disposed within a central bore extending along the longitudinal axis of the charge body (12). <IMAGE>

IPC 1-7

**F42B 5/38**; **F42B 5/16**

IPC 8 full level

**F42B 5/16** (2006.01); **F42B 5/18** (2006.01); **F42B 5/38** (2006.01)

CPC (source: EP)

**F42B 5/16** (2013.01); **F42B 5/18** (2013.01); **F42B 5/38** (2013.01)

Citation (examination)

US 3092525 A 19630604 - COOK RALPH L

Cited by

FR2781879A1; US6343552B1; RU2707830C2; EP0754927A1; FR2737002A1; US5712444A; EP0706025A1; FR2725510A1; US5672842A; EP0757223A1; FR2736425A1; US5726379A; EP0646762A1; FR2710976A1; US5454323A; EP2078921A3; WO9840692A1; WO0037879A1

Designated contracting state (EPC)

BE DE FR

DOCDB simple family (publication)

**EP 0475207 A1 19920318**; **EP 0475207 B1 19950809**; DE 69111944 D1 19950914; DE 69111944 T2 19960418

DOCDB simple family (application)

**EP 91114546 A 19910829**; DE 69111944 T 19910829