

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

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