

Title (en)
CARTRIDGED AMMUNITION, PARTICULARLY BLANK AMMUNITION

Title (de)
PATRONENMÜNITION, INSBESONDERE ÜBUNGSMÜNITION

Title (fr)
MUNITION ENCARTOUCHÉE, EN PARTICULIER MUNITION D'EXERCICE

Publication
EP 2153160 B1 20120404 (DE)

Application
EP 08734317 A 20080225

Priority
• DE 2008000336 W 20080225
• DE 102007025981 A 20070604

Abstract (en)
[origin: US8042472B2] The invention relates to cartridge ammunition, particularly blank ammunition, having a cartridge shell (3) and a projectile (2) placed therein. A propellant chamber (4) accommodating a pyrotechnic of a propellant charge (5) is disposed in the cartridge shell, such charge being ignitable by an ignition device (13) also containing pyrotechnic material that generates propellant gases that act on the base (8) of the projectile and propel the shot out of the cartridge shell. In order to prevent the pyrotechnic charges of the propellant charge and/or the ignition device from self-igniting at high ambient temperatures, particularly in a fire, thus tearing apart the cartridge shell and projectile and being flung away, an inert, meltable material is mixed into the pyrotechnic charges of the propellant charge and/or the ignition device. This material has a melting temperature that is lower than the self-ignition temperature of the pyrotechnic charge with the lowest ignition temperature and, upon melting, phlegmatises the pyrotechnic charges of the propellant charge and/or the ignition device.

IPC 8 full level
F42B 5/16 (2006.01); **C06B 21/00** (2006.01); **C06B 23/00** (2006.01)

CPC (source: EP US)
C06B 23/00 (2013.01 - EP US); **F42B 5/16** (2013.01 - EP US)

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)
US 2010288152 A1 20101118; US 8042472 B2 20111025; AT E552473 T1 20120415; AU 2008258443 A1 20081211; AU 2008258443 B2 20140515; CA 2689991 A1 20081211; CA 2689991 C 20150623; DE 102007025981 A1 20081211; EP 2153160 A1 20100217; EP 2153160 B1 20120404; ES 2384197 T3 20120702; IL 202490 A0 20100630; JP 2010529401 A 20100826; JP 5328779 B2 20131030; PL 2153160 T3 20120928; WO 2008148365 A1 20081211; ZA 200908732 B 20101027

DOCDB simple family (application)
US 66306808 A 20080225; AT 08734317 T 20080225; AU 2008258443 A 20080225; CA 2689991 A 20080225; DE 102007025981 A 20070604; DE 2008000336 W 20080225; EP 08734317 A 20080225; ES 08734317 T 20080225; IL 20249009 A 20091203; JP 2010510645 A 20080225; PL 08734317 T 20080225; ZA 200908732 A 20091209