

Title (en)
5.56MM SMALL ARMS AMMUNITION

Title (de)
5,56-MM-HANDFEUERWAFFENMUNITION

Title (fr)
MUNITION POUR ARME PORTATIVE 5,56 MM

Publication
EP 1606574 A1 20051221 (EN)

Application
EP 04720915 A 20040316

Priority
• GB 2004001108 W 20040316
• GB 0307274 A 20030327

Abstract (en)
[origin: WO2004085953A1] Described herein is a round of ammunition for firing from a gun having a rifled barrel, especially a small arms weapon. The round comprises a body core (7) which has a plurality of knurl lines (9) and associated grooves (6) formed over a portion of the body core (7). Jacket material (11) is provided over the body core (7) such that the inner diameter (10) of the jacket material (11) makes contact with the knurl lines (9). During firing of the round, the jacket material (11) deforms into the grooves (6) formed between the knurl lines (9) enabling the rifle engraving to take place with a substantially reduced axial force.

IPC 1-7
F42B 12/74; **F42B 12/78**

IPC 8 full level
F42B 12/74 (2006.01); **F42B 12/78** (2006.01)

CPC (source: EP US)
F42B 12/74 (2013.01 - EP US); **F42B 12/78** (2013.01 - EP US)

Citation (search report)
See references of WO 2004085953A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
WO 2004085953 A1 20041007; AT E382843 T1 20080115; DE 602004011031 D1 20080214; DE 602004011031 T2 20090102;
EP 1606574 A1 20051221; EP 1606574 B1 20080102; ES 2295839 T3 20080416; GB 0307274 D0 20031029; JP 2006515056 A 20060518;
JP 4249219 B2 20090402; US 2005000385 A1 20050106

DOCDB simple family (application)
GB 2004001108 W 20040316; AT 04720915 T 20040316; DE 602004011031 T 20040316; EP 04720915 A 20040316; ES 04720915 T 20040316;
GB 0307274 A 20030327; JP 2006500258 A 20040316; US 49298504 A 20040416