

Title (en)
PRACTICE AMMUNITION

Title (de)
ÜBUNGSMUNITION

Title (fr)
MUNITION D'EXERCICE

Publication
EP 1183494 A1 20020306 (DE)

Application
EP 00945528 A 20000511

Priority
• DE 0001532 W 20000511
• DE 19925404 A 19990602

Abstract (en)
[origin: US6619211B1] A practice ammunition projectile comprises a head which bursts when the projectile strikes a target and contains a marking agent which optically indicates the point of impact after the head has burst. The marking agent consists of several chemical components (7, 8) which are each contained in separately breakable compartments (4, 5) within a burstable hood at the head of the projectile. When the compartments (4, 5) break open the components combine and undergo a chemical reaction which creates an optical mark. The hood is formed of an optically transparent material to enable the trajectory of the projectile to be tracked.

IPC 1-7
F42B 12/40

IPC 8 full level
F42B 12/38 (2006.01); **F42B 12/40** (2006.01)

CPC (source: EP US)
F42B 8/12 (2013.01 - EP US); **F42B 12/38** (2013.01 - EP US); **F42B 12/40** (2013.01 - EP US)

Cited by
US8065962B2; WO2005098345A1; US8297187B2; EP3546881A1; DE102018107182A1

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
US 6619211 B1 20030916; AT E232968 T1 20030315; CA 2375099 A1 20001207; CA 2375099 C 20080902; DE 19925404 A1 20001214; DE 19925404 C2 20030918; DE 50001281 D1 20030327; EP 1183494 A1 20020306; EP 1183494 B1 20030219; ES 2193091 T3 20031101; JP 2003529034 A 20030930; JP 3817626 B2 20060906; NO 20015765 D0 20011127; NO 20015765 L 20011127; NO 320036 B1 20051010; US RE40482 E 20080909; WO 0073730 A1 20001207; ZA 200110295 B 20020704

DOCDB simple family (application)
US 98019002 A 20020129; AT 00945528 T 20000511; CA 2375099 A 20000511; DE 0001532 W 20000511; DE 19925404 A 19990602; DE 50001281 T 20000511; EP 00945528 A 20000511; ES 00945528 T 20000511; JP 2001500184 A 20000511; NO 20015765 A 20011127; US 6322500 A 20000511; ZA 200110295 A 20011214