

Title (en)  
Training projectile

Title (de)  
Übungsgeschoss

Title (fr)  
Projectile d'exercise

Publication  
**EP 0881459 A3 19990901 (DE)**

Application  
**EP 98105926 A 19980401**

Priority  
DE 19722698 A 19970530

Abstract (en)  
[origin: EP0881459A2] A practice shell (1) contains a central tube (7) extending over most of the shell length, the tube being enclosed by inert material (5) and containing two or more spaced-apart explosive charges (8-11), preferably of TNT or 'Comp B', connected by transmission charges (12), preferably of a hexogen- or octogen-containing explosive. Preferably, the explosive charge (11), adjacent the nose impact fuse of the shell, consists of a hexogen- or octogen-containing explosive and a tracer charge (15) of pyrotechnic material or incendiary carbon black is located within the plastic or metal tube (7) between the shell base (14) and the adjacent explosive charge (8).

IPC 1-7  
**F42B 8/14**; **F42B 12/40**

IPC 8 full level  
**F42B 8/14** (2006.01); **F42B 12/40** (2006.01); **F42B 12/48** (2006.01)

CPC (source: EP US)  
**F42B 12/48** (2013.01 - EP US)

Citation (search report)

- [AD] DE 3531688 A1 19870312 - RHEINMETALL GMBH [DE]
- [A] DE 3541399 A1 19870527 - BUCK CHEM TECH WERKE [DE]
- [A] US 4446794 A 19840508 - SIMMONS BJOERN [SE]
- [A] DE 303848 C
- [A] DE 332323 C 19210127 - CARBONIT AKT GES

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)  
**DE 19722698 C1 19981105**; DE 59806398 D1 20030109; EP 0881459 A2 19981202; EP 0881459 A3 19990901; EP 0881459 B1 20021127; ES 2185075 T3 20030416; NO 309294 B1 20010108; NO 981486 D0 19980402; NO 981486 L 19981201; US 6041713 A 20000328

DOCDB simple family (application)  
**DE 19722698 A 19970530**; DE 59806398 T 19980401; EP 98105926 A 19980401; ES 98105926 T 19980401; NO 981486 A 19980402; US 7673298 A 19980513