

Title (en)  
JACKETED PROJECTILE WITH A HARD CORE

Title (de)  
MANTELGESCHOSS MIT HARTKERN

Title (fr)  
PROJECTILE CHEMISE A NOYAU DUR

Publication  
**EP 1007898 A1 20000614 (DE)**

Application  
**EP 98937723 A 19980824**

Priority  
• IB 9801314 W 19980824  
• US 5756697 P 19970826

Abstract (en)  
[origin: WO9910703A1] The invention relates to a jacketed projectile (100), comprising a tungsten carbide hard core (5) on the front side and an centered, interlocking soft core (8) placed on the hard core (5). A closed air space (6) is located between the front area (5a) of the hard core (5) and the tip of the projectile (4). This projectile configuration provides a very high penetration potential and good dynamic and ballistic properties, enabling the inventive projectiles to be used as munition for police snipers, especially to hit targets located behind a glass.

IPC 1-7  
**F42B 12/78**; **F42B 30/02**

IPC 8 full level  
**F42B 12/08** (2006.01); **F42B 12/74** (2006.01); **F42B 12/78** (2006.01); **F42B 12/80** (2006.01); **F42B 30/02** (2006.01)

CPC (source: EP KR US)  
**F42B 12/74** (2013.01 - EP US); **F42B 12/78** (2013.01 - KR); **F42B 12/80** (2013.01 - EP US)

Cited by  
RU202778U1

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

DOCDB simple family (publication)  
**WO 9910703 A1 19990304**; AT E203597 T1 20010815; AU 748631 B2 20020606; AU 8642298 A 19990316; BR 9811350 A 20000912; CA 2301805 A1 19990304; CA 2301805 C 20070424; CZ 2000678 A3 20011212; CZ 290054 B6 20020515; DE 59801093 D1 20010830; DK 1007898 T3 20011001; EP 1007898 A1 20000614; EP 1007898 B1 20010725; ES 2161061 T3 20011116; GR 3036529 T3 20011231; HU 223802 B1 20050128; HU P0002696 A2 20001228; HU P0002696 A3 20010129; IL 134697 A0 20010430; IL 134697 A 20040104; JP 2001514372 A 20010911; KR 20010023322 A 20010326; NO 20000960 D0 20000225; NO 20000960 L 20000225; NO 318069 B1 20050131; NZ 502827 A 20020301; PT 1007898 E 20011228; SK 2402000 A3 20000711; SK 284793 B6 20051103; TR 200000524 T2 20000721; US 6374743 B1 20020423

DOCDB simple family (application)  
**IB 9801314 W 19980824**; AT 98937723 T 19980824; AU 8642298 A 19980824; BR 9811350 A 19980824; CA 2301805 A 19980824; CZ 2000678 A 19980824; DE 59801093 T 19980824; DK 98937723 T 19980824; EP 98937723 A 19980824; ES 98937723 T 19980824; GR 20010401389 T 20010905; HU P0002696 A 19980824; IL 13469798 A 19980824; JP 2000507974 A 19980824; KR 20007001957 A 20000225; NO 20000960 A 20000225; NZ 50282798 A 19980824; PT 98937723 T 19980824; SK 2402000 A 19980824; TR 200000524 T 19980824; US 48621600 A 20000218