

Title (en)
Armour perforating projectile

Title (de)
Panzergeschoss

Title (fr)
Munition perforante

Publication
EP 1521052 B1 20070620 (FR)

Application
EP 04292218 A 20040916

Priority
FR 0311645 A 20031003

Abstract (en)
[origin: EP1521052A1] The projectile (1) has a penetrating body (2) with an inner cavity (3) closed by a base (4) and made from a material with an elastic limit of at least 1200 MPa. The body has a forward point (2a) with at least one insert (7) of a material with high mechanical characteristics and denser than the body, such as a fritted tungsten alloy, made e.g. in the shape of segments fitted into a body recess and held in place by a ring (10). An independent claim is included for different insert shapes, including bars enclosed in or projecting from the projectile's nose.

IPC 8 full level
F42B 12/06 (2006.01)

CPC (source: EP US)
F42B 12/06 (2013.01 - EP US)

Cited by
EP2636985A1; EP2372296A1; FR2987891A1; US8869704B2

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)
EP 1521052 A1 20050406; EP 1521052 B1 20070620; AT E365307 T1 20070715; DE 602004007080 D1 20070802; DE 602004007080 T2 20080221; DE 602004026633 D1 20100527; EP 1701131 A2 20060913; EP 1701131 A3 20061004; EP 1701131 B1 20100414; ES 2288669 T3 20080116; ES 2344597 T3 20100901; FR 2860579 A1 20050408; FR 2860579 B1 20071005; US 2005109233 A1 20050526; US 7063020 B2 20060620

DOCDB simple family (application)
EP 04292218 A 20040916; AT 04292218 T 20040916; DE 602004007080 T 20040916; DE 602004026633 T 20040916; EP 06076213 A 20040916; ES 04292218 T 20040916; ES 06076213 T 20040916; FR 0311645 A 20031003; US 94823204 A 20040924