

Title (en)
Armour perforating projectile

Title (de)
Panzergeschoss

Title (fr)
Munition perforante

Publication
EP 1701131 B1 20100414 (FR)

Application
EP 06076213 A 20040916

Priority
• EP 04292218 A 20040916
• 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)
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EP2372296A1

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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

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