

Title (en)
Armour perforating projectile

Title (de)
Panzergeschoss

Title (fr)
Munition perforante

Publication
EP 1521052 A1 20050406 (FR)

Application
EP 04292218 A 20040916

Priority
FR 0311645 A 20031003

Abstract (en)
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.

Abstract (fr)
L'invention a pour objet une munition perforante (1) comprenant un corps de pénétration (2) délimitant une cavité interne (3) fermée par un culot (4). Cette munition est caractérisée en ce que le corps de pénétration (2) comporte une pointe avant (2a) comprenant au moins un insert (7) solidaire de la pointe, insert réalisé en un matériau plus dense que celui du corps et disposé dans un logement débouchant à l'extérieur du corps. <IMAGE>

IPC 1-7
F42B 12/06

IPC 8 full level
F42B 12/06 (2006.01)

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

Citation (applicant)
US 6186072 B1 20010213 - HICKERSON JR JAMES P [US], et al

Citation (search report)
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