

Title (en)
Kinetic energy penetrator

Title (de)
Wuchtgeschoss

Title (fr)
Pénétrateur à énergie cinétique

Publication
EP 2372296 B1 20130529 (FR)

Application
EP 11290134 A 20110316

Priority
FR 1001301 A 20100330

Abstract (en)
[origin: EP2372296A1] The penetrator (1) has a cylindrical penetration body (2) containing an explosive charge (3) initiated by a priming unit i.e. rocket engine (4), where length (L) of the penetrator is less than or equal to 500 mm. The penetration body is extended by a warhead (5) made of tungsten based material having high mechanical characteristics, where thickness (E) of the penetration body increases progressively and continuously at the level of connection of the penetration body with the warhead. The penetration body and the warhead are formed as a single piece.

IPC 8 full level
F42B 12/06 (2006.01); **F42B 12/08** (2006.01); **F42B 12/20** (2006.01)

CPC (source: EP)
F42B 12/06 (2013.01); **F42B 12/08** (2013.01); **F42B 12/204** (2013.01)

Cited by
EP2597416A3; EP2636985A1; FR2987891A1; US8869704B2

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
EP 2372296 A1 20111005; EP 2372296 B1 20130529; ES 2425929 T3 20131018; FR 2958391 A1 20111007; FR 2958391 B1 20120727

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