

Title (en)
PROJECTILE OR WARHEAD

Title (de)
GESCHOSS ODER GEFECHTSKOPF

Title (fr)
PROJECTILE OU OGIVE

Publication
EP 1516153 A1 20050323 (DE)

Application
EP 03730148 A 20030603

Priority

- EP 03730148 A 20030603
- EP 0305792 W 20030603
- EP 02014007 A 20020626

Abstract (en)
[origin: US2007006766A1] A hybrid polyvalent projectile or warhead with an active means such as a fragmentation, disk, ring, hollow-charge or P-charge head in conjunction with a module comprising an active laterally effective penetrator includes a pyrotechnic unit serving at the same time for the active laterally effective penetrator and the active means as a producing/accelerating element. The terminal-ballistic efficiency of ALP projectiles, which is reduced at low impact velocities, is ensured by an additional device which as a pyrotechnic unit produces an axial action or accelerates fragments in the desired direction. The explosive of an HC-portion with a triggering device which can be of any design configuration at the same time provides the pressure for the adjoining ALP-module.

IPC 1-7
F42B 12/20

IPC 8 full level
F42B 12/20 (2006.01)

CPC (source: EP US)
F42B 12/204 (2013.01 - EP US); **F42B 12/34** (2013.01 - EP US); **F42B 12/367** (2013.01 - EP US)

Cited by
RU2486436C1; RU2486432C1; RU2486434C1; DE102012012409B4; WO2010099890A1; EP3034990B1

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 PT RO SE SI SK TR

DOCDB simple family (publication)
WO 2004003460 A1 20040108; AT E538359 T1 20120115; AU 2003240740 A1 20040119; EP 1516153 A1 20050323; EP 1516153 B1 20111221; ES 2379546 T3 20120427; NO 20050278 L 20050118; NO 332833 B1 20130121; PT 1516153 E 20120330; US 2004069176 A1 20040415; US 2007006766 A1 20070111

DOCDB simple family (application)
EP 0305792 W 20030603; AT 03730148 T 20030603; AU 2003240740 A 20030603; EP 03730148 A 20030603; ES 03730148 T 20030603; NO 20050278 A 20050118; PT 03730148 T 20030603; US 19814405 A 20050805; US 60337003 A 20030625