Title (en)

MONOLITHIC EXPANDING PROJECTILE

Title (de)

MONOLITHISCH EXPANDIERENDES GESCHOSS

Title (fr)

PROJECTILE D'EXPANSION MONOLITHIQUE

Publication

EP 4047302 A1 20220824 (EN)

Application

EP 21382503 A 20210604

Priority

ES 202130345 U 20210219

Abstract (en)

A projectile is obtained that expands when it hits the target, as it has a spherical element placed at the end of the conical area of greater hardness and toughness than the rest of the projectile and has a perforation that goes from the tip of the conical area to the base of the conical area, comprising a cylindrical body (1) which at one end thereof continues with a decreasing diameter forming a conical area (2) which is finished at its tip with a spherical element (3), where the conical body (2) has a perforation (4) which runs approximately from the base of the conical area (2) to the free end of the conical area (2) and where the spherical element (3) is attached, where both the cylindrical body (1) and the conical zone (2), except for the perforation (4) made in the conical area (2) are solid, on the other hand, the spherical element (3) is made of a harder and tougher material than the material used in the manufacture of the cylindrical body (1) and the conical zone (2) and the diameter of the spherical element (3) is larger than the diameter of the perforation (4).

IPC 8 full level

F42B 12/34 (2006.01); **F42B 14/02** (2006.01)

CPC (source: EP)

F42B 12/34 (2013.01); **F42B 14/02** (2013.01)

Citation (search report)

- [XI] EP 0918208 A1 19990526 - GIAT IND SA [FR]
- [XI] US 2005066845 A1 20050331 - EBERHART GERALD T [US], et al
- [I] US 9316468 B2 20160419 - RALL ADRIAAN [ZA], et al

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

Designated extension state (EPC)

BA ME

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DOCDB simple family (application)

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