

Title (en)

Fragmentation type projectile in which the fragments are created by a hollow charge effect

Title (de)

Splittermunition, in der die Splitter mittels Hohlladungen hergestellt werden

Title (fr)

Munition explosive à éclats contrôlés formés par explosif

Publication

**EP 1052471 B1 20040728 (FR)**

Application

**EP 00401293 A 20000511**

Priority

FR 9906163 A 19990514

Abstract (en)

[origin: EP1052471A1] The explosive device consists of a detonator head, an explosive charge (4) of about 90g of hexolite or tolite, a plastic out shell (1), and an inner wall (7) e.g. of copper or aluminum which creates the fragments. The inner wall is in contact with the explosive and is made up of a series of conical, spherical or pyramidal concave sections, each measuring between 2.5 and 5.5 mm across at the base, with a wall thickness of 0.5 - 0.8 mm and an angle of 90 - 140 degrees. The outer plastic shell is sufficien supple not to attenuate the energy released by the explosive charge and sufficiently strong to protect the inner wall during transport.

IPC 1-7

**F42B 12/22**

IPC 8 full level

**F42B 12/22** (2006.01)

CPC (source: EP)

**F42B 12/22** (2013.01)

Designated contracting state (EPC)

DE ES GB NL

DOCDB simple family (publication)

**EP 1052471 A1 20001115; EP 1052471 B1 20040728**; DE 60012413 D1 20040902; DE 60012413 T2 20050804; ES 2222883 T3 20050216; FR 2793551 A1 20001117; FR 2793551 B1 20020531

DOCDB simple family (application)

**EP 00401293 A 20000511**; DE 60012413 T 20000511; ES 00401293 T 20000511; FR 9906163 A 19990514