

Title (en)

Dual mode explosive warhead for use against conventional targets and against tactical ballistic missiles

Title (de)

Explosiver Gefechtskopf mit zwei Betriebsarten, der gegen konventionelle Ziele und gegen taktische ballistische Flugkörper verwendet werden kann

Title (fr)

Charge militaire duale, pour missile surface air, contre cibles conventionnelles et missiles balistiques tactiques

Publication

EP 1099926 B1 20040121 (FR)

Application

EP 00402942 A 20001024

Priority

FR 9914074 A 19991109

Abstract (en)

[origin: EP1099926A1] The explosive charge comprises a main charge with a series of basic blocks (10) which are optionally preformed, surrounded by an outer fragmentation shell (16), an igniter (12) for the main charge which produces the fragmentation, a series of cord fuses (18) on the outer shell, and explosive columns (20a, 20b) of small diameter along the axis of the main charge to disperse the main charge and the fragments. The explosive charge comprises a main charge with a series of basic blocks (10) which are optionally preformed, surrounded by an outer fragmentation shell (16), an igniter (12) for the main charge which produces the fragmentation, a series of cord fuses (18) on the outer shell, and explosive columns (20a, 20b) of small diameter along the axis of the main charge to disperse the main charge and the fragments. The charge fulfills two different functions: the production of small high-speed fragments, weighing a few grams and travelling at 1500-2000 m/s, and heavier slower fragments of tens to hundreds of grams travelling at about 100 m/s.

IPC 1-7

F42B 12/22; F42B 12/56

IPC 8 full level

F42B 12/22 (2006.01)

CPC (source: EP)

F42B 12/22 (2013.01)

Designated contracting state (EPC)

DE GB IT

DOCDB simple family (publication)

EP 1099926 A1 20010516; EP 1099926 B1 20040121; DE 60007821 D1 20040226; DE 60007821 T2 20040715; FR 2800866 A1 20010511; FR 2800866 B1 20020111

DOCDB simple family (application)

EP 00402942 A 20001024; DE 60007821 T 20001024; FR 9914074 A 19991109