

Title (en)  
Explosive agent mass for a live ammunition

Title (de)  
Sprengstoffwirkmasse für eine Gefechtsmunition

Title (fr)  
Masse active d'explosif pour une munition de combat

Publication  
**EP 2770294 A3 20141029 (DE)**

Application  
**EP 14000504 A 20140212**

Priority  
DE 102013003172 A 20130226

Abstract (en)  
[origin: EP2770294A2] Explosive active mass comprises an explosive and particles and/or pieces of an interpretive agent, which are homogeneously distributed in the explosive active mass, and are formed from titanium, zirconium, boron, hafnium, ferro-titanium, a silicide and/or ferro-silicon. The pieces exhibit a sponge-like structure. An independent claim is also included for a combat ammunition comprising the above explosive active mass, where the combat ammunition optionally comprises a further explosive active mass which is surrounded by the explosive active mass.

IPC 8 full level  
**F42B 12/40** (2006.01); **C06B 33/08** (2006.01); **C06C 15/00** (2006.01); **C06D 3/00** (2006.01)

CPC (source: EP)  
**C06B 33/08** (2013.01); **C06C 15/00** (2013.01); **C06D 3/00** (2013.01); **F42B 12/40** (2013.01)

Citation (search report)

- [XY] DE 2414310 A1 19741031 - KNAPP CHARLES ALOYSIUS
- [XYI] DE 2901517 A1 19790802 - TELEDYNE IND
- [Y] DE 29612746 U1 19961002 - BUCK CHEM TECH WERKE [DE]
- [A] DE 3401538 A1 19850725 - DIEHL GMBH & CO [DE]
- [A] EP 1286129 A1 20030226 - RHEINMETALL W & M GMBH [DE]
- [Y] EP 2151422 A2 20100210 - DIEHL BGT DEFENCE GMBH & CO KG [DE]

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

DOCDB simple family (publication)  
**EP 2770294 A2 20140827; EP 2770294 A3 20141029; EP 2770294 B1 20180103**; DE 102013003172 A1 20140828;  
DE 102013003172 B4 20150305; IL 230730 A0 20140831; IL 230730 B 20180628; NO 3019499 T3 20180203; PL 2770294 T3 20180629;  
ZA 201401357 B 20141223

DOCDB simple family (application)  
**EP 14000504 A 20140212**; DE 102013003172 A 20130226; IL 23073014 A 20140130; NO 14745053 A 20140711; PL 14000504 T 20140212;  
ZA 201401357 A 20140224