

Title (en)

INCENDIARY COMPOUND COMPRISING A COMBUSTIBLE FROM GROUP IVB OF THE PERIODIC TABLE, AND PROJECTILE CONTAINING SAID INCENDIARY COMPOUND

Title (de)

BRANDMASSE MIT EINEM METALLISCHEN BRENNSTOFF AUS DER GRUPPE IVB DES PERIODISCHEN SYSTEMS SOWIE GESCHOSS MIT DIESER BRANDMASSE

Title (fr)

COMPOSE INCENDIAIRE COMPRENANT UN COMBUSTIBLE METALLIQUE PROVENANT DU GROUPE IVB DU TABLEAU PERIODIQUE, ET PROJECTILE CONTENANT LEDIT COMPOSE INCENDIAIRE

Publication

EP 1954651 A2 20080813 (DE)

Application

EP 06828965 A 20061109

Priority

- EP 2006010709 W 20061109
- DE 102005057182 A 20051129

Abstract (en)

[origin: WO2007062732A2] Disclosed is an incendiary compound comprising spherical zirconium, titanium, or hafnium powder having an average grain size of 50 to 250µm as well as a thermosetting or thermoplastic micronized organic binder which is added to the powder at a quantity of less than 1 percent by weight. The incendiary compound is fastened in the projectile or warhead by pressing and then thermally treating the same in order to activate crosslinking of the thermosetting binder or melt the thermoplastic binder.

IPC 8 full level

C06C 15/00 (2006.01); **C06B 45/10** (2006.01)

CPC (source: EP NO US)

C06B 45/10 (2013.01 - EP NO US); **C06C 9/00** (2013.01 - EP NO US); **C06C 15/00** (2013.01 - NO)

Citation (search report)

See references of WO 2007062732A2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

DE 102005057182 A1 20070606; CA 2620844 A1 20070607; CA 2620844 C 20160105; EP 1954651 A2 20080813; EP 1954651 B1 20140709; NO 20076237 L 20080109; NO 339632 B1 20170116; US 2009266261 A1 20091029; US 8518197 B2 20130827; WO 2007062732 A2 20070607; WO 2007062732 A3 20070802

DOCDB simple family (application)

DE 102005057182 A 20051129; CA 2620844 A 20061109; EP 06828965 A 20061109; EP 2006010709 W 20061109; NO 20076237 A 20071204; US 8501406 A 20061109