

Title (en)
LOW TOXICITY PRIMER COMPOSITIONS FOR REDUCED ENERGY AMMUNITION

Title (de)
WENIG TOXISCHE ZÜNDHÜTCHENZUSAMMENSETZUNGEN FÜR MUNITION MIT VERRINGERTER ENERGIE

Title (fr)
COMPOSITIONS D'AMORCE À FAIBLE TOXICITÉ POUR MUNITION À CHARGE RÉDUITE

Publication
EP 2240422 A4 20130522 (EN)

Application
EP 08864892 A 20081223

Priority
• CA 2008002264 W 20081223
• US 1652907 P 20071224

Abstract (en)
[origin: WO2009079788A1] A primer composition with reduced toxicity suited for reduced-energy ammunition comprises bismuth (III) oxide as the principal oxidizer and contains a portion of propellant composition mixed therein. This composition may also be used in a cartridge which is otherwise substantially free of any other propellant compound and preferably produces a residue which is substantially free of toxic substances.

IPC 8 full level
C06C 7/00 (2006.01); **C06B 25/00** (2006.01); **C06B 33/00** (2006.01); **F42B 8/12** (2006.01); **F42B 12/72** (2006.01); **F42C 19/08** (2006.01)

CPC (source: EP US)
C06C 7/00 (2013.01 - EP US); **F42B 5/16** (2013.01 - EP US); **F42B 8/02** (2013.01 - EP US); **F42B 8/12** (2013.01 - EP US);
F42B 12/40 (2013.01 - EP US); **F42C 19/0803** (2013.01 - EP US); **F42C 19/10** (2013.01 - EP US)

Citation (search report)
• [XII] WO 2006009579 A2 20060126 - RA BRANDS LLC [US]
• See references of WO 2009079788A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

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