

Title (en)  
POWDER FOR ACCELERATING PROJECTILES FOR MORTAR SYSTEMS

Title (de)  
PULVER ZUR BESCHLEUNIGUNG VON GESCHOSSEN FÜR MÖRSERSYSTEME

Title (fr)  
POUDRE POUR ACCÉLÉRER DES PROJECTILES POUR MORTIERS

Publication  
**EP 2951137 B1 20210303 (DE)**

Application  
**EP 13704344 A 20130129**

Priority  
CH 2013000017 W 20130129

Abstract (en)  
[origin: WO2014117280A1] Powder as propellant powder or ignition powder for accelerating projectiles for mortar systems, which is based on nitrocellulose and contains a crystalline energy carrier based on nitramine in an amount of 1-30 percent by weight and an inorganic muzzle flash suppressor in an amount of 0.1-10 percent by weight. The powder is in the form of particles and the particles optionally have an inert plasticising additive in an amount of not more than 1 percent by weight on their surface. The crystalline energy carrier based on nitramine is preferably at least one compound from the group consisting of hexogen (RDX) and octogen (HMX). The inorganic muzzle flash suppressor is preferably at least one compound from the group consisting of potassium nitrate and potassium sulphate.

IPC 8 full level  
**C06B 23/04** (2006.01); **C06B 25/18** (2006.01); **C06B 25/34** (2006.01); **C06B 45/12** (2006.01)

CPC (source: EP KR US)  
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