

Title (en)  
Cartridge with a dopant allowing detection

Title (de)  
Patrone mit nachweisrelevanter Dotierung

Title (fr)  
Cartouche avec un dopant permettant la détection

Publication  
**EP 1528051 A3 20060426 (DE)**

Application  
**EP 04102902 A 20040623**

Priority  
DE 10350024 A 20031027

Abstract (en)  
[origin: EP1528051A2] A friction loading powder, for projected munitions, contains a doping material which, on firing, results in particle emission having a composition not excessively emitted into the environment and/or a composition in which the three intensity strength lines of the X-ray fluorescence spectrum of the doping material between 1 keV and 15 keV stand out. Independent claims are included for: (1) A firearm cartridge for hand and rifle fire weapons using the above powder; (2) A process for production of the above powder, by embedding the doping material in a polymer.

IPC 8 full level  
**C06B 23/00** (2006.01); **F42B 5/16** (2006.01)

CPC (source: EP)  
**C06B 23/008** (2013.01); **F42B 5/16** (2013.01)

Citation (search report)

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Designated contracting state (EPC)  
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