

Title (en)

Initiator explosive for detonators and method of preparing the same.

Title (de)

Initial-Explosivstoff für Zünder und Verfahren zu dessen Herstellung.

Title (fr)

Explosif initiateur pour détonateur et méthode de préparation.

Publication

**EP 0070932 A2 19830209 (EN)**

Application

**EP 81303418 A 19810724**

Priority

EP 81303418 A 19810724

Abstract (en)

An initiator explosive suitable for use in a detonator in place of the known ASA mixture is composed of isogonous mixed crystals of lead azide and lead styphnate which can be produced by introducing simultaneously into a reactor vessel a solution containing lead acetate and a solution containing a water-soluble styphnate and sodium azide so as to cause them to react in the presence of a crystal habit modifier such as dextrin or carboxymethyl cellulose which will cause the resulting precipitate to be a homogeneous crystalline material composed of isogonous mixed crystals.

IPC 1-7

**C06B 21/00**; C06B 35/00; C06B 41/08; C06C 7/00

IPC 8 full level

**C06B 21/00** (2006.01); **C06B 35/00** (2006.01); **C06B 41/08** (2006.01); **C06C 7/00** (2006.01)

CPC (source: EP)

**C06B 21/0008** (2013.01); **C06B 35/00** (2013.01); **C06B 41/08** (2013.01); **C06C 7/00** (2013.01)

Cited by

US8282751B2; US8460486B1; US8202377B2; US8454770B1; US8192568B2; US8206522B2; US8454769B2; US8470107B2

Designated contracting state (EPC)

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DOCDB simple family (publication)

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