

Title (en)

Pyrotechnic material and method for manufacturing

Title (de)

Pyrotechnisches Material und Verfahren zu deren Herstellung

Title (fr)

Substance pyrotechnique et procédé de fabrication d'une telle substance

Publication

**EP 1500639 A3 20111130 (FR)**

Application

**EP 04291798 A 20040715**

Priority

FR 0309260 A 20030725

Abstract (en)

[origin: EP1500639A2] Powder comprising cores of a first material coated with a binder layer containing nanoparticles of a second material is new. An independent claim is also included for producing a powder as above by preparing a solution of the binder in a first solvent (S1), preparing a bath of carrier liquid immiscible with S1, dispersing particles of the first material in the bath, adding nanoparticles of the second material while stirring the bath, adding the binder solution, adding a surfactant, stirring, removing S1 by washing with a second solvent, and filtering and/or drying the resulting powder.

IPC 8 full level

**C06B 45/20** (2006.01); **B22F 1/18** (2022.01); **C06B 21/00** (2006.01); **C06B 45/30** (2006.01); **C06C 7/00** (2006.01)

CPC (source: EP US)

**B22F 1/18** (2022.01 - EP US); **C06B 21/0083** (2013.01 - EP US); **C06B 45/20** (2013.01 - EP); **C06B 45/30** (2013.01 - EP); **C06C 7/00** (2013.01 - EP)

Citation (search report)

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DOCDB simple family (publication)

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