

## Title (en)

Process for producing a functional high-energy material

## Title (de)

Verfahren zur Herstellung eines funktionalen hochenergetischen Materials

## Title (fr)

Procédé de production de matière à haute énergie fonctionnelle

## Publication

**EP 1164116 A1 20011219 (DE)**

## Application

**EP 00810520 A 20000615**

## Priority

EP 00810520 A 20000615

## Abstract (en)

In the production of a functional, high-energy material with laminar grains containing an energy-rich plasticizer (I) and polymeric desensitizer (II), (I) and (II) is diffused into the absorbent grains in the form of an aqueous emulsion. Independent claims are also included for: (a) functional high-energy material with laminar grains, obtained by introducing (I) and (II) into a green powder, which contains 5-20% of is a specified 2-nitroxyethyl-nitramine (IA) or dinitro-diazaalkane (IB) as (I) with respect to the green powder; (b) green grains for producing a functional high-energy material of this type.

## Abstract (de)

Das Verfahren zur Herstellung von Treibladungspulver (TLP) mit schichtartigem Kornaufbau geht von einem Grünpulver aus, welches in wässriger Emulsion mit einem energetischen Weichmacher und einem polymeren Phlegmatisator imprägniert wird. TLP lassen sich so in industriellen Mengen herstellen, indem die gefährliche Direkt-Einarbeitung eines Sprengöls umgangen wird. Die so hergestellten TLP haben ähnliche Eigenschaften und einen ähnlichen Aufbau wie die vorbekannten TLP.

## IPC 1-7

**C06B 45/22**; **C06B 21/00**

## IPC 8 full level

**C06B 21/00** (2006.01); **C06B 45/22** (2006.01)

## CPC (source: EP US)

**C06B 21/0083** (2013.01 - EP US); **C06B 45/22** (2013.01 - EP US)

## Citation (search report)

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## Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

## DOCDB simple family (publication)

**EP 1164116 A1 20011219**; **EP 1164116 B1 20050126**; AT E287863 T1 20050215; DE 50009362 D1 20050303; ES 2235813 T3 20050716; US 2002043316 A1 20020418; US 7473330 B2 20090106

## DOCDB simple family (application)

**EP 00810520 A 20000615**; AT 00810520 T 20000615; DE 50009362 T 20000615; ES 00810520 T 20000615; US 87918701 A 20010613