

Title (en)

PROCESS FOR PROVIDING A STRONG BOND BETWEEN A MOULDED EXPLOSIVE CHARGE AND A SUPPORTING CASE

Publication

**EP 0166928 B1 19880803 (DE)**

Application

**EP 85105905 A 19850514**

Priority

DE 3420543 A 19840601

Abstract (en)

[origin: US4579695A] A process for the production of a cast explosive charge which is fixedly adherent to a charge carrier, such as projectile casings, housings for explosives, warheads, mines, and the like, wherein a liquid explosive is applied onto the preheated charge carrier which is provided with a coating applied as a suspension, and the charge carrier is thereafter cooled down through regulating of the temperature. The suspension is applied on the charge carrier which has been brought to approximately room temperature, to a coating thickness of between about 10  $\mu$  m and 100  $\mu$  m, the suspension being essentially constituted of 14 to 46% by weight of a binding resin which is non-hardening in oxygen and having a softing point below the melting point of the explosive; 6 to 26% by weight of a pigment composition; and 24 to 66% by weight of a polymeric solvent composition.

IPC 1-7

**C06B 21/00**; **F42B 23/02**

IPC 8 full level

**C06B 21/00** (2006.01); **F42B 33/02** (2006.01)

CPC (source: EP US)

**C06B 21/0083** (2013.01 - EP US); **F42B 33/0214** (2013.01 - EP US)

Cited by

FR2680413A1; US5353709A

Designated contracting state (EPC)

AT BE CH DE FR GB IT LI NL SE

DOCDB simple family (publication)

**EP 0166928 A1 19860108**; **EP 0166928 B1 19880803**; AT E36146 T1 19880815; BR 8502584 A 19860204; CA 1234304 A 19880322; DE 3420543 C1 19860213; DE 3564100 D1 19880908; ES 543587 A0 19860616; ES 8608461 A1 19860616; GR 850863 B 19850513; IL 75352 A0 19850929; IL 75352 A 19890515; NO 161214 B 19890410; NO 161214 C 19890719; NO 851646 L 19851202; US 4579695 A 19860401

DOCDB simple family (application)

**EP 85105905 A 19850514**; AT 85105905 T 19850514; BR 8502584 A 19850530; CA 482909 A 19850531; DE 3420543 A 19840601; DE 3564100 T 19850514; ES 543587 A 19850529; GR 850100863 A 19850405; IL 7535285 A 19850530; NO 851646 A 19850424; US 73439785 A 19850515