

Title (en)

A device, charging unit and method of filling a borehole with an explosive material

Title (de)

Vorrichtung, Ladeeinheit und Verfahren zum Füllen eines Bohrloches mit Explosivstoff

Title (fr)

Dispositif, unité de chargement et procédé de remplissage d'un trou de forage à l'aide d'un matériau explosif

Publication

**EP 2000764 A1 20081210 (EN)**

Application

**EP 07010995 A 20070604**

Priority

EP 07010995 A 20070604

Abstract (en)

A device (100) for receiving an explosive material (315) comprises a receptacle unit (103) for receiving the explosive material, and an anchoring unit (104), wherein the anchoring unit is arranged on an outer surface of the receptacle unit, and wherein the anchoring unit is adapted to anchor the flexible receptacle unit in a borehole (313).

IPC 8 full level

**F42D 1/08** (2006.01); **F42D 1/10** (2006.01); **F42D 1/12** (2006.01); **F42D 3/04** (2006.01)

CPC (source: EP)

**F42D 1/08** (2013.01); **F42D 1/10** (2013.01); **F42D 1/12** (2013.01); **F42D 3/04** (2013.01)

Citation (applicant)

GB 1281946 A 19720719 - FR DES EXPLOSIFS SOC [FR]

Citation (search report)

- [XAY] US 4040330 A 19770809 - MATZEN NILS DENNY
- [Y] US 6564686 B1 20030520 - KEELING PAUL S [US], et al
- [Y] WO 9855805 A1 19981210 - NITRO NOBEL AB [SE], et al
- [A] US 3696703 A 19721010 - FOX RICHARD

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AU2011231560B2; WO2011117394A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK RS

DOCDB simple family (publication)

**EP 2000764 A1 20081210**; AT E507455 T1 20110515; AU 2008258857 A1 20081211; AU 2008258857 B2 20130516; CA 2690037 A1 20081211; CA 2690037 C 20150526; DE 602008006547 D1 20110609; EP 2153164 A1 20100217; EP 2153164 B1 20110427; ES 2364731 T3 20110913; ES 2364731 T8 20120820; RU 2009149012 A 20110720; RU 2481552 C2 20130510; WO 2008148544 A1 20081211; ZA 200908597 B 20110223

DOCDB simple family (application)

**EP 07010995 A 20070604**; AT 08759009 T 20080604; AU 2008258857 A 20080604; CA 2690037 A 20080604; DE 602008006547 T 20080604; EP 08759009 A 20080604; EP 2008004452 W 20080604; ES 08759009 T 20080604; RU 2009149012 A 20080604; ZA 200908597 A 20091203