

Title (en)

PACKAGING SYSTEM FOR DETONATION CORDS, WHICH IS USED FOR X-RAY EXAMINATION AND SAFE SHIPPING

Title (de)

VERPACKUNGSSYSTEM FÜR SPRENGSCHNÜRE ZUR RÖNTGENÜBERPRÜFUNG UND SICHEREN VERSENDUNG

Title (fr)

SYSTEME D'EMBALLAGE POUR CORDEAU DETONANT, PERMETTANT UN CONTROLE PAR RADIOGRAPHIE ET UNE EXPEDITION SURE

Publication

**EP 1620696 B1 20080116 (DE)**

Application

**EP 04727254 A 20040414**

Priority

- EP 2004003907 W 20040414
- DE 10318996 A 20030425
- DE 102004014769 A 20040326

Abstract (en)

[origin: WO2004097332A1] The invention relates to a packaging for a detonation cord (1) that is used especially for igniting shaped charge perforators in perforation guns utilized in the oil and natural gas industry. According to the invention, the detonation cord (1) is wound on one plane as a flat coil. Also disclosed is a method for examining whether a detonation cord (1) has faulty points. Said method is characterized in that the detonation cord (1) is subjected to an x-ray examination in the packaging before being delivered.

IPC 8 full level

**F42B 39/30** (2006.01)

CPC (source: EP US)

**F42B 39/30** (2013.01 - EP US)

Designated contracting state (EPC)

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

DOCDB simple family (publication)

**WO 2004097332 A1 20041111**; AT E384242 T1 20080215; BR PI0409705 A 20060502; CA 2522893 A1 20041111; CA 2522893 C 20130122; DE 502004005963 D1 20080306; DK 1620696 T3 20080526; EP 1620696 A1 20060201; EP 1620696 B1 20080116; ES 2300760 T3 20080616; NO 20055164 L 20051103; NO 330603 B1 20110523; RU 2005136473 A 20060327; RU 2367898 C2 20090920; US 2007170074 A1 20070726; US 2011297570 A1 20111208; US 8009801 B2 20110830; US 8540072 B2 20130924

DOCDB simple family (application)

**EP 2004003907 W 20040414**; AT 04727254 T 20040414; BR PI0409705 A 20040414; CA 2522893 A 20040414; DE 502004005963 T 20040414; DK 04727254 T 20040414; EP 04727254 A 20040414; ES 04727254 T 20040414; NO 20055164 A 20051103; RU 2005136473 A 20040414; US 201113210832 A 20110816; US 55424504 A 20040414