

Title (en)

Electrical, gas tight conduit and use in a projectile

Title (de)

Elektrische, gasdichte Durchführung sowie Verwendung in einem Geschoss

Title (fr)

Câble électrique, étanche au gaz et son utilisation dans un projectile

Publication

EP 2141444 A3 20130605 (DE)

Application

EP 09006364 A 20090512

Priority

DE 102008030663 A 20080701

Abstract (en)

[origin: EP2141444A2] The cable has a metallic base body i.e. rear part (6) of a sabot projectile (1), including an insulated outer body and a metallic electrically conductive inner conductor. The base body forms a ground wire, and a signal line is insulated inside the base body. The signal line is guided via a borehole of the base body along a center axis. The signal line fully occupies the borehole. An axially running part guides a signal. The base body is made of aluminium alloy or eloxal. Independent claims are also included for the following: (1) a projectile comprising a propellant detonator (2) a method for manufacturing an electrical gas-tight cable for a projectile.

IPC 8 full level

F42C 19/06 (2006.01)

CPC (source: EP US)

F42C 19/06 (2013.01 - EP US); **Y10T 29/49002** (2015.01 - EP US)

Citation (search report)

- [X] WO 0017598 A2 20000330 - UNITED DEFENSE LP [US]
- [X] US 5830377 A 19981103 - JOHNSON RICHARD FRANKLIN [US]
- [X] US 2849957 A 19580902 - GUSTAF KULLER NILS-ERIK, et al
- [A] JP 2004028409 A 20040129 - JAPAN TECH RES & DEV INST

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA RS

DOCDB simple family (publication)

EP 2141444 A2 20100106; EP 2141444 A3 20130605; EP 2141444 B1 20140806; DE 102008030663 A1 20100107; ES 2514519 T3 20141028; US 2010132579 A1 20100603; US 8336458 B2 20121225

DOCDB simple family (application)

EP 09006364 A 20090512; DE 102008030663 A 20080701; ES 09006364 T 20090512; US 49591209 A 20090701