

Title (en)

ELECTRICAL DISCHARGE SYSTEM AND METHOD FOR NEUTRALIZING EXPLOSIVE DEVICES AND ELECTRONICS

Title (de)

FUNKENEROSIONSSYSTEM UND VERFAHREN ZUM NEUTRALISIEREN VON SPRENGVORRICHTUNGEN UND ELEKTRONIK

Title (fr)

SYSTÈME ET PROCÉDÉ DE DÉCHARGE ÉLECTRIQUE SERVANT À NEUTRALISER DES DISPOSITIFS EXPLOSIFS ET DES CIRCUITS ÉLECTRONIQUES

Publication

EP 2753893 A2 20140716 (EN)

Application

EP 12830330 A 20120907

Priority

- US 201161531703 P 20110907
- US 201261693035 P 20120824
- US 2012054233 W 20120907

Abstract (en)

[origin: WO2013036814A2] Disclosed are a system and method for discharging electrical potential into the earth to disable or destroy electronics and/or explosive devices. The disclosed system includes an electrical power supply providing a pulsed electrical potential exceeding 30,000 volts with at least 30 Joules of energy in each pulse. The system includes a cathode emitter configured to be moved along the earth in close proximity to the earth. The electrical potential is discharged into the earth through the cathode emitter.

IPC 8 full level

F41H 11/136 (2011.01); **F41H 11/16** (2011.01); **F41H 11/32** (2011.01); **F41H 7/00** (2006.01); **F41H 13/00** (2006.01); **F42D 5/04** (2006.01)

CPC (source: EP)

F41H 11/136 (2013.01); **F41H 11/32** (2013.01); **F41H 13/0018** (2013.01); **F41H 7/005** (2013.01); **F42D 5/04** (2013.01)

Designated contracting state (EPC)

AL 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 RS SE SI SK SM TR

DOCDB simple family (publication)

WO 2013036814 A2 20130314; **WO 2013036814 A3 20130502**; **WO 2013036814 A4 20130627**; EP 2753893 A2 20140716; EP 2753893 A4 20150401

DOCDB simple family (application)

US 2012054233 W 20120907; EP 12830330 A 20120907