

Title (en)

FIRING CARTRIDGE AND REMOTE-ACTING ELECTROSHOCK WEAPON FOR THE USE OF A CARTRIDGE

Title (de)

SCHUSSPATRONE UND FERNBEDIENBARE ELEKTROSHOCKWAFFE ZUR VERWENDUNG EINER PATRONE

Title (fr)

CARTOUCHE DE TIR ET ARME À ÉLECTROCHOC À DISTANCE UTILISANT CETTE CARTOUCHE

Publication

EP 3904821 A1 20211103 (EN)

Application

EP 20777992 A 20200113

Priority

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- RU 2020000011 W 20200113

Abstract (en)

State of the art: The invention relates to shooting cartridges of non-lethal remote electroshock weapons (DESHO) and to the DESHO for using such cartridges. Field of the invention is non-lethal remote-action weapon with electric means of damaging biological targets. The technical result is creation of a shooting cartridge DESHO with an internal source of energy for initiating a propellant charge, and technologically simple samples of DESHO, including multi-charged, insensitive to electrostatic discharges, allowing use thereof under any atmospheric conditions, with the possibility of contact use or demonstration of a damaging electric discharge, DESHO with attached shooting cartridge, and with reduced overall dimensions. The shooting cartridge has gun barrels with probes and a current conductor located in the probes or cavities for the current lead, a propellant charge and a source or generator of electrical or mechanical energy for initiating the propellant charge driven by means of a DESHO part. DESHO for use of the cartridge has a housing, a source of electrical energy, a generator of high-voltage damaging pulses, a switch of the generator of high-voltage damaging pulses, pockets for installing cartridges or a magazine or a magwell for several cartridges, an element of action powered by a source or generator of initiating a shooter's shot and a switch for the generator of high-voltage damaging pulses interacting with the element of action.

IPC 8 full level

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CPC (source: EP IL RU US)

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