

Title (en)

IGNITION DEVICE FOR AMMUNITION, IN PARTICULAR MEDIUM-CALIBER AMMUNITION, AND ASSOCIATED METHOD FOR IGNITION OR FOR SELF-DESTRUCTION OF AMMUNITION, IN PARTICULAR MEDIUM-CALIBER AMMUNITION

Title (de)

ZÜNDVORRICHTUNG FÜR EINE MUNITION, INSBESONDERE EINE MITTELKALIBERMUNITION UND ZUGEHÖRIGES VERFAHREN ZUM ZÜNDEN ODER ZUR SELBSTZERLEGUNG EINER MUNITION, INSBESONDERE EINER MITTELKALIBERMUNITION

Title (fr)

DISPOSITIF D'ALLUMAGE POUR MUNITION, EN PARTICULIER UNE MUNITION DE CALIBRE MOYEN, ET PROCÉDÉ ASSOCIÉ D'ALLUMAGE OU D'AUTO-DESTRUCTION DE MUNITION, EN PARTICULIER DE MUNITION DE CALIBRE MOYEN

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Abstract (en)

[origin: WO2023036879A1] The invention relates to an ignition device for ammunition, in particular medium-caliber ammunition, comprising at least one battery (1) and at least one electric or electronic ignition-chain component (3, 4), wherein: the battery (1) has a battery housing (12); an electrolyte and at least two electrodes are located in the battery housing (12); an explosive charge (9) of the ammunition can be caused to explode by means of the electric or electronic ignition-chain component (3, 4), and the energy required to trigger the electric or electronic ignition-chain component (3, 4) can be provided by means of the battery (1). The ignition device provides for a sufficient amount of energy, and the volume in the ignition device is at the same time utilized particularly efficiently in that the battery housing (12) has a cup-shaped recess, and at least part of the at least one electric or electronic ignition-chain component (3, 4) is located in the cup-shaped recess.

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