

Title (en)

ELECTRICALLY-IGNITABLE CASELESS PROPELLANT, AND THE PRODUCTION AND USE OF SAME

Title (de)

ELEKTRISCH ZÜNDBARER HÜLSENLOSER TREIBSATZ, DESSEN HERSTELUNG UND VERWENDUNG

Title (fr)

ENSEMBLE PROPULSEUR SANS DOUILLE À ALLUMAGE ÉLECTRIQUE, FABRICATION ET UTILISATION ASSOCIÉES

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Application

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Priority

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Abstract (en)

[origin: WO2014173504A1] The invention relates to an electrically-ignitable caseless propellant in the form of a caseless propellant tablet (5), characterised in that it is obtainable by mixing at least one current-conductive material in dissolved, dispersed or powdered form, and graphite in powdered form, together with nitrocellulose, with or without the addition of further additives, and subsequently compressing this to obtain a propellant tablet. The invention also relates to the production and the use of same as well as to related subject matter of the invention. The following uses are covered: the use of the propellant in a nail gun device for inserting nails, as an explosive in a warning shot device, as a gas-generating element in airbags, for driving cutting devices, for driving pressing devices (e.g. for pressing claw-like elements together), or as a propellant in low-calibre weapons for sports purposes or stunning devices for animal slaughter.

IPC 8 full level

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See references of WO 2014173504A1

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