

Title (en)

Method for treatment of primers containing mercury compounds, potassium chlorate and antimony trisulphide.

Title (de)

Verfahren zur Aufbereitung von Quecksilberverbindungen, Kaliumchlorat und Antimontrisulfid enthaltenden Zündhütchen.

Title (fr)

Procédé de traitement des amorces contenant des composés de mercure, de chlorate de potassium et de trisulfide d'antimonium.

Publication

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Application

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Priority

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Abstract (en)

[origin: EP0526956A2] The invention relates to a method for reprocessing mercury compound-, potassium chlorate- and antimony trisulphide-containing detonators of cartridges and similar assemblies of military products by converting the initial explosive contained therein into inert non-ignitable compounds or substances and by conversions of the potassium chlorate, contained in the priming composition and serving as oxygen carrier, into potassium chloride. The process according to the invention has the following advantages: - the absolutely safe quantitative conversion of the explosive, - the greatest possible matching to the dismantling method, - universal applicability, - no additional use of environmentally polluting auxiliaries, - very few technological steps, - simple handling and - retention of the metallic state of the brass caps.

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