

Title (en)

PRE-IGNITION POWDERS FOR THERMAL FUSES OF AIRBAG GAS GENERATORS

Title (de)

FRÜHZÜNDPULVER FÜR THERMISCHE SICHERUNGEN FÜR AIRBAG-GASGENERATOREN

Title (fr)

POUDRES A ALLUMAGE SPONTANE POUR COUPE-CIRCUITS THERMIQUES DE GENERATEURS DE GAZ POUR AIRBAGS

Publication

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Application

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Abstract (en)

[origin: WO9941213A1] The invention relates to pre-ignition powders for thermal fuses which are able to ignite the gas-generating mixtures generally used in gas generators in a thermally controlled manner and well below the critical temperature. In addition, the inventive powders exhibit a loss in weight of less than 3 % during a warm storage at 107 DEG C and for periods longer than 400 hours while preserving complete functional capacity. The pre-ignition powders contain at least one fuel selected from the group comprised of thiourea and the derivatives thereof, at least one oxidant and at least one stabilizer.

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