

Title (en)
SUBSTANCE MIXTURE AS A THERMALLY INITIATABLE IGNITION MIXTURE

Title (de)
STOFFGEMISCH ALS THERMISCH INITIIERBARE ANZÜNDMISCHUNG

Title (fr)
MELANGE DE MATIERES UTILISE COMME MELANGE D'ALLUMAGE A INITIATION THERMIQUE

Publication
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Application
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Abstract (en)
[origin: WO2006039892A2] The invention relates to a substance mixture for the production of gases, particularly propellant gases for passenger protection devices in motor vehicles. The substance mixture consists of a thermally initiatable ignition mixture which comprises at least one inorganic oxidizing agent from the group of chlorates and at least one second oxidizing agent from the group of nitrates. The invention is characterized in that the ignition mixture contains at least one combustible which is selected from the class of substances consisting of dicarboxylic acids, tricarboxylic acids, amino acids, carboxylic acid amides, carboxylic acid hydrazides, carboxylic acid diamides, carboxylic acid dihydrides and/or derivatives thereof. The invention also relates to the use of the substance mixture as a thermally initiatable ignition mixture in a gas generator for the production of propellant gases for passenger protection devices in motor vehicles.

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