

Title (en)
GAS GENERATOR COMPOSITION

Title (de)
GASERZEUGENDE ZUSAMMENSETZUNG

Title (fr)
COMPOSITION GENERATRICE DE GAZ

Publication
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Application
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Priority
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Abstract (en)
The object of the present invention is to provide nitrogenous organic compound that is effective for solving the problem of harmfulness of the known metallic azide, to solve the contradictory problems of the generation of harmful gases such as NO_x and CO and the slag collecting capability, and further the problem involved in the conventional automatic ignition mechanism at one stroke. A composition of a gas generating agent of the present invention contains a fuel component, an oxidizing agent and a catalyst component as its main components. The composition comprises 20-45 weight % of aminotetrazole as the fuel component, 50-75 weight % of oxidizing agent, 0.05-5 weight % of molybdenum trioxide as a component of an automatic ignition capability developing catalyst. The oxidizing agent comprises strontium nitrate, and nitrate of alkali metal or barium, or strontium nitrate, and perchlorate of alkali metal or barium, and the strontium nitrate content in the oxidizing agent is in a range of 75 to 95 weight %.

<IMAGE>

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IPC 8 full level
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