

Title (en)
GAS GENERATOR FUEL COMPOSITION

Title (de)
GASGENERATORTREIBSTOFF-ZUSAMMENSETZUNG

Title (fr)
COMPOSITION D'AGENTS PROPULSEURS POUR GENERATEURS DE GAZ

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Application
EP 01272021 A 20011217

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• EP 0114901 W 20011217

Abstract (en)
[origin: US2004108031A1] The invention relates to solid gas generator fuel compositions (gas producing mixtures), comprising: (A) nitroguanidine or nitroguanidine stabilised with 0.1 to 0.5% nitroguanidinium hydrogen sulphate and nitroguanidinium nitrate as fuel; (B) an oxidising agent selected from the group comprising alkali and earth alkali nitrates, chlorates and perchlorates, ammonium nitrate and perchlorate, copper compounds with oxidising properties and mixtures thereof; (C) a stabiliser selected from the group comprising hydrophobic SiO₂, inorganic and organic acids and mixtures thereof; and optionally (D) a combustion stabiliser or moderator and ash former or trap and mixtures thereof. The above gas generator fuel compositions comprise an improved shelf-life under hot storage conditions at 110° C.

IPC 8 full level
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