

Title (en)
Gas generating mixture

Title (de)
Gaserzeugende Mischung

Title (fr)
Mélange générateur de gaz

Publication
EP 0716058 A1 19960612 (DE)

Application
EP 95116145 A 19951013

Priority
DE 4442169 A 19941126

Abstract (en)
[origin: US5663524A] A gas generating mixture comprises a high nitrogen and low carbon fuel from the group nitroguanidine (NIGU), triaminoguanidine nitrate (TAGN), diguanidinium-5,5'-azotetrazolate (GZT) and 3-nitro-1,2,3-triazol-5-one (NTO), as well as copper diammine dinitrate $\text{Cu}(\text{NH}_3)_2(\text{NO}_3)_2$ as the oxidizer and $\text{V}_2\text{O}_5/\text{MoO}_3$ mixed oxides and/or oxide mixtures as the catalyst.

Abstract (de)
Eine gaserzeugende Mischung besteht aus einem stickstoffreichen und kohlenstoffarmen Brennstoff aus der Gruppe Nitroguanidin (NIGU), Triaminoguanidinnitrat (TAGN), Diguanidinium-5,5'-azotetrazolat (GZT) und 3-Nitro-1,2,3-triazol-5-on (NTO) sowie Kupferdiammindinitrat $\text{Cu}(\text{NH}_3)_2(\text{NO}_3)_2$ als Oxidator und $\text{V}_2\text{O}_5/\text{MoO}_3$ Mischoxiden und/oder Oxidmischungen als Katalysator.

IPC 1-7
C06D 5/06; **C06B 23/00**

IPC 8 full level
C06B 23/00 (2006.01); **C06B 31/00** (2006.01); **C06D 5/06** (2006.01)

CPC (source: EP US)
C06B 31/00 (2013.01 - EP US); **C06D 5/06** (2013.01 - EP US)

Citation (applicant)
DE 4108225 C1 19920409

Citation (search report)
• [PA] WO 9519944 A1 19950727 - THIOKOL CORP [US]
• [PA] DE 4401213 C1 19950302 - FRAUNHOFER GES FORSCHUNG [DE]

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DOCDB simple family (application)
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