

Title (en)

GAS-GENERATING PYROTECHNIC COMPOUNDS

Title (de)

GASERZEUGENDE PYROTECHNISCHE VERBINDUNGEN

Title (fr)

COMPOSES PYROTECHNIQUES GENERATEURS DE GAZ

Publication

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Application

EP 10769003 A 20100910

Priority

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Abstract (en)

[origin: WO2011030071A2] The invention relates to a gas-generating pyrotechnic compound containing guanidine nitrate, basic copper nitrate, and potassium perchlorate. Characteristically, said potassium perchlorate represents between 8 and 20 % of the total mass of said pyrotechnic compound and said composition also contains at least one oxide selected from the metal oxides, the metalloid oxides and the mixtures thereof, the at least one oxide having a melting temperature lower than the combustion temperature of said pyrotechnic compound and said at least one oxide representing between 1% and 5% of the total mass of said pyrotechnic compound. Said at least one oxide improves the low-pressure combustion of said pyrotechnic compound.

IPC 8 full level

C06B 23/00 (2006.01); **C06D 5/06** (2006.01)

CPC (source: EP US)

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Citation (search report)

See references of WO 2011030071A2

Citation (examination)

WO 2009126702 A2 20091015 - AUTOLIV ASP INC [US], et al

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