

Title (en)

GAS GENERANTS CONTAINING SILICONE FUELS

Title (de)

GASERZEUGER SILICONHALTIGE BRENNSTOFFE ENTHALTEND

Title (fr)

GENERATEUR DE GAZ RENFERMANT DES COMBUSTIBLES AU SILICONES

Publication

EP 1377534 A2 20040107 (EN)

Application

EP 00963598 A 20000918

Priority

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- US 15429399 P 19990916

Abstract (en)

[origin: WO0119757A2] Gas generating compositions are provided containing silicon, a metal or nonmetal perchlorate oxidizer, and a coolant selected from the group including metal carbonates, metal bicarbonates, metal oxalates, and metal hydroxides. These compositions exhibit rapid and sustained burn rates at ambient pressure while maintaining acceptable combustion temperatures.

IPC 1-7

C06B 45/10

IPC 8 full level

B01J 7/00 (2006.01); **B60R 21/26** (2006.01); **C06B 23/04** (2006.01); **C06B 29/04** (2006.01); **C06B 29/22** (2006.01); **C06B 31/08** (2006.01); **C06B 31/30** (2006.01); **C06B 33/06** (2006.01); **C06D 5/00** (2006.01); **C06D 5/06** (2006.01)

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Citation (search report)

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