

Title (en)  
GAS GENERANT COMPOSITION

Title (de)  
GASERZEUGENDE ZUSAMMENSETZUNG

Title (fr)  
COMPOSITION DE GENERATION DE GAZ

Publication  
**EP 1538137 B1 20161109 (EN)**

Application  
**EP 03793453 A 20030911**

Priority  

- JP 0311634 W 20030911
- JP 2002266411 A 20020912
- JP 2003172349 A 20030617

Abstract (en)  
[origin: WO2004024652A1] A gas generant composition which has a low burning temperature and forms small amounts of carbon monoxide, ammonia, and nitrogen oxide when burned. The gas generant composition contains the below-listed component (a), component (b) and component (c), and further contains component (d) and/or component (e) if necessary. (a) An organic compound as a fuel (b) An oxygen-containing oxidant (c) An aluminum hydroxide (d) A binder (e) An additive selected from metal oxides and metal carbonates

IPC 8 full level  
**B01J 7/00** (2006.01); **B60R 21/26** (2006.01); **B60R 21/264** (2006.01); **C06B 23/00** (2006.01); **C06B 23/02** (2006.01); **C06B 23/04** (2006.01); **C06B 29/00** (2006.01); **C06B 31/00** (2006.01); **C06B 45/00** (2006.01); **C06D 5/00** (2006.01); **C06D 5/06** (2006.01)

CPC (source: EP)  
**C06B 23/04** (2013.01); **C06D 5/06** (2013.01)

Citation (examination)  

- US 3862866 A 19750128 - TIMMERMAN HUBERT G, et al
- WO 9817607 A1 19980430 - TRW AIRBAG SYS GMBH & CO KG [DE], et al

Cited by  
EP2266937A4; US7520530B2; US9174888B2; WO2019143784A1

Designated contracting state (EPC)  
DE FR

DOCDB simple family (publication)  
**WO 2004024652 A1 20040325**; AU 2003262083 A1 20040430; CN 100348556 C 20071114; CN 1556782 A 20041222;  
EP 1538137 A1 20050608; EP 1538137 A4 20111221; EP 1538137 B1 20161109; JP 2004155645 A 20040603; JP 4302442 B2 20090729

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**JP 0311634 W 20030911**; AU 2003262083 A 20030911; CN 03801083 A 20030911; EP 03793453 A 20030911; JP 2003172349 A 20030617