

Title (en)  
GAS GENERANT COMPOSITION

Title (de)  
GASERZEUGUNGSZUSAMMENSETZUNG

Title (fr)  
COMPOSITION GÉNÉRATRICE DE GAZ

Publication  
**EP 2444383 B1 20190807 (EN)**

Application  
**EP 10777699 A 20100514**

Priority  
• JP 2010058154 W 20100514  
• JP 2009122918 A 20090521

Abstract (en)  
[origin: US2012055593A1] The present invention is a gas generating composition including fuel and an oxidizing agent, which can be used for an inflator of a vehicle airbag apparatus, wherein the oxidizing agent includes basic copper carbonate, the gas generating composition having the content of the basic copper carbonate of more than 40% by mass and 60% by mass or lower, and satisfying the following requirements (a) to (c): (a) the burning rate is 7.0 mm/sec or above; (b) the gas output is 2.30 mol/100 g or above; and (c) the calorific value per mol of generated gas is 100 kJ/mol or lower.

IPC 8 full level  
**B60R 21/26** (2006.01); **B60R 21/264** (2006.01); **C06B 31/00** (2006.01); **C06B 31/02** (2006.01); **C06B 43/00** (2006.01); **C06C 7/00** (2006.01); **C06D 5/00** (2006.01)

CPC (source: EP US)  
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Cited by  
EP2692715A4; EP2690081A4; EP3385247A1; US9458065B2; US9487454B2

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