

Title (en)
GAS GENERANT COMPOSITION

Title (de)
GASERZEUGUNGSZUSAMMENSETZUNG

Title (fr)
COMPOSITION GÉNÉRATRICE DE GAZ

Publication
EP 2444383 A4 20140101 (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)
C06D 5/06 (2013.01 - EP US)

Citation (search report)
• [X] US 2008105342 A1 20080508 - WU JIANZHOU [JP], et al
• See references of WO 2010134466A1

Cited by
EP2692715A4; EP2690081A4; EP3385247A1; US9458065B2; US9487454B2

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DOCDB simple family (publication)
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