

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
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• 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
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