

Title (en)  
GAS GENERATOR FOR AIR BAG

Title (de)  
GASGENERATOR FÜR AIRBAG

Title (fr)  
GENERATEUR DE GAZ POUR AIRBAG

Publication  
**EP 0801045 A1 19971015 (EN)**

Application  
**EP 96932011 A 19960927**

Priority

- JP 9602796 W 19960927
- JP 25330995 A 19950929
- JP 35320395 A 19951229
- JP 5940596 A 19960315
- JP 23497796 A 19960905
- JP 23498796 A 19960905

Abstract (en)  
The air bag gas generating composition according to the present invention comprises, as active components, (1) biscarbamoylhydrazine as a gas generating base, (2) an oxohalogen acid salt as an oxidizing agent, (3) a nitrate as an oxidizing agent, and (4) a burning catalyst. The air bag gas generating composition according to the present invention has advantageous characteristics of appropriate burning performance, low burning temperature, low concentration of the toxic components such as CO and NO<sub>x</sub> in the gas generated by the combustion, a low concentration of the suspended particulate matter released, good heat stability, and remarkably higher safety than conventional azide-based and azide-free gas generating compositions.

IPC 1-7  
**C06D 5/00**; C06B 43/00; C06B 29/00; C06B 31/00; C06B 45/20; B60R 21/26

IPC 8 full level  
**C06B 45/22** (2006.01); **C06D 5/06** (2006.01)

CPC (source: EP)  
**C06B 45/22** (2013.01); **C06D 5/06** (2013.01)

Cited by  
EP1538137A4; EP1061057A4; EP1006096A1; EP0905108A1; US5989367A; US6523855B2; US6964716B2; WO0123220A1

Designated contracting state (EPC)  
DE FR GB

DOCDB simple family (publication)  
**WO 9712849 A1 19970410**; EP 0801045 A1 19971015; EP 0801045 A4 20001102

DOCDB simple family (application)  
**JP 9602796 W 19960927**; EP 96932011 A 19960927