

Title (en)  
PROPELLANTS FOR GAS GENERATOR

Title (de)  
GASGENERATORTREIBSTOFFE

Title (fr)  
AGENTS PROPULSEURS DE GENERATEURS DE GAZ

Publication  
**EP 1064242 B1 20061011 (DE)**

Application  
**EP 99919100 A 19990317**

Priority  
• DE 9900782 W 19990317  
• DE 19812372 A 19980320

Abstract (en)  
[origin: WO9948843A1] The present invention relates to solid propellants for gas generators (gas-generating mixtures), wherein said propellants are mainly intended for use in propelling charges for gas generators used in airbags or seat-belt pre-tensioning devices. The solid propellants for gas generators further include an essentially chemically-inert slag trap which has a high fusion point and a good dispersion, wherein said slag trap acts as an inner filter and globally prevents the formation of powder particles as well as their exit from the housing of the gas generator. A portion of the slag trap having a good dispersion may be used as a carrier substance for catalyst metals.

IPC 8 full level  
**C06D 5/00** (2006.01); **C06D 5/06** (2006.01); **C06B 23/00** (2006.01); **C06B 25/00** (2006.01); **C06B 29/22** (2006.01); **C06B 31/02** (2006.01); **C06B 31/32** (2006.01)

CPC (source: EP KR)  
**C06B 23/00** (2013.01 - KR); **C06B 25/00** (2013.01 - KR); **C06B 31/00** (2013.01 - KR); **C06D 5/06** (2013.01 - EP KR)

Cited by  
DE102008022749A1; DE102008022749B4

Designated contracting state (EPC)  
AT CH DE FR IT LI

DOCDB simple family (publication)  
**WO 9948843 A1 19990930**; AT E342246 T1 20061115; AU 3699999 A 19991018; CZ 20003417 A3 20010214; CZ 297313 B6 20061115; DE 19812372 A1 19990930; DE 19812372 C2 20011004; DE 59913910 D1 20061123; EP 1064242 A1 20010103; EP 1064242 B1 20061011; JP 2002507542 A 20020312; KR 20010041919 A 20010525

DOCDB simple family (application)  
**DE 9900782 W 19990317**; AT 99919100 T 19990317; AU 3699999 A 19990317; CZ 20003417 A 19990317; DE 19812372 A 19980320; DE 59913910 T 19990317; EP 99919100 A 19990317; JP 2000537831 A 19990317; KR 20007010226 A 20000916