

Title (en)

Gas generant compositions with alkali oxide scavengers.

Title (de)

Gaserzeugungszusammensetzungen mit Alkali-Oxide-Abfangmittel.

Title (fr)

Compositions génératrices de gaz contenant des éliminateurs d'oxyde d'alkali.

Publication

**EP 0678492 A1 19951025 (EN)**

Application

**EP 95301693 A 19950314**

Priority

US 22898394 A 19940418

Abstract (en)

A gas generant composition adapted for use with airbag restraint systems containing aluminum components includes a fuel which is 5-nitrobarbituric acid (or salts thereof), 5-nitroorotic acid (or salts thereof); an oxidizer which is an ammonium, alkali metal and/or alkaline earth metal salt of a chlorate, perchlorate or nitrate and/or is a transition metal oxide, such as cupric oxide; alumina and/or silica; and a binder.

IPC 1-7

**C06D 5/06**

IPC 8 full level

**C06D 5/00** (2006.01); **C06D 5/06** (2006.01)

CPC (source: EP KR)

**C06B 23/00** (2013.01 - KR); **C06D 5/00** (2013.01 - KR); **C06D 5/06** (2013.01 - EP)

Citation (search report)

- [XY] US 5160386 A 19921103 - LUND GARY K [US], et al
- [A] US 5139588 A 19920818 - POOLE DONALD R [US]
- [DA] US 4547342 A 19851015 - ADAMS GARY V [US], et al
- [Y] EP 0438851 A2 19910731 - AUTOMOTIVE SYSTEMS LAB [US]
- [Y] DE 2351379 A1 19740509 - POUDRES & EXPLOSIFS STE NALE
- [A] US 3862866 A 19750128 - TIMMERMAN HUBERT G, et al
- [Y] EP 0400809 A2 19901205 - MORTON INT INC [US]

Cited by

DE19541924A1; CN107108389A; CN100417631C; US10155701B2; WO2016097826A1

Designated contracting state (EPC)

BE DE ES FR GB IT NL SE

DOCDB simple family (publication)

**EP 0678492 A1 19951025**; AU 1342695 A 19951116; CA 2143360 A1 19951019; JP H0834693 A 19960206; KR 950029072 A 19951122

DOCDB simple family (application)

**EP 95301693 A 19950314**; AU 1342695 A 19950223; CA 2143360 A 19950224; JP 5587895 A 19950315; KR 19950008749 A 19950414