

Title (en)
Non-azide gas generant formulations

Title (de)
Gaserzeugendes, azidfreies Stoffgemisch

Title (fr)
Compositions génératrices de gaz exempt d'azoture

Publication
EP 0691317 A3 19970305 (DE)

Application
EP 95108938 A 19950609

Priority
DE 4423088 A 19940701

Abstract (en)
[origin: EP0691317A2] A mixture of materials for generating gas especially for the protection of passengers in vehicles consists of 20-45 wt.% of an organic cpd. contg. C, H and $\geq 35\%$ O, and having a m.pt. ≥ 170 degrees C and 55-85 wt.% of an inorganic oxidising agent from the group perchlorate, especially Potassium perchlorate, chlorate, peroxide or mixtures of them.

IPC 1-7
C06D 5/06

IPC 8 full level
B60R 21/26 (2006.01); **C06B 29/00** (2006.01); **C06B 43/00** (2006.01); **C06D 5/00** (2006.01); **C06D 5/06** (2006.01)

CPC (source: EP KR US)
C06D 5/06 (2013.01 - EP KR US)

Citation (search report)

- [XY] US 3862866 A 19750128 - TIMMERMAN HUBERT G, et al
- [X] FR 2175963 A1 19731026 - SPECIALTY PROD DEV CORP [US]
- [X] US 3785149 A 19740115 - TIMMERMAN H
- [X] EP 0543026 A1 19930526 - DAICEL CHEM [JP]
- [X] US 3993514 A 19761123 - PACANOWSKY EUGENE J, et al
- [X] US 4214438 A 19800729 - GARNER EUGENE F [US], et al
- [Y] US 3203842 A 19650831 - GODFREY JOHN N
- [A] US 4111728 A 19780905 - RAMNARACE JAWAHARLAL
- [A] US 3214304 A 19651026 - VRIESEN CALVIN W
- [A] US 3806461 A 19740423 - REED R, et al

Cited by
FR2959508A1; WO2004011398A1; WO2011135262A1

Designated contracting state (EPC)
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DE 4423088 A1 19960104; DE 59507593 D1 20000217; EP 0691317 A2 19960110; EP 0691317 A3 19970305; EP 0691317 B1 20000112; JP 3693067 B2 20050907; JP H0840793 A 19960213; KR 100229367 B1 19991101; KR 960004303 A 19960223; US 5525170 A 19960611

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DE 4423088 A 19940701; DE 59507593 T 19950609; EP 95108938 A 19950609; JP 19567195 A 19950628; KR 19950019431 A 19950701; US 45229295 A 19950526