

Title (en)
STABILIZED PROPELLANT FOR GENERATING NON-TOXIC PRESSURIZED GAS

Publication
EP 0374650 B1 19930331 (DE)

Application
EP 89122756 A 19891209

Priority
DE 3842838 A 19881220

Abstract (en)
[origin: US4981536A] The present invention concerns propellant compositions for the generation of nontoxic gases which are utilized, for example, in airbag generators. These compositions contain, as a gas-yielding component, at least one alkali azide. According to the invention, the compositions are stabilized against the effects of moisture and carbon dioxide by the addition of talc and/or magnesium oxide. These additives are included in amounts of from 3 to 10% by weight. The additive acts so that the propellant compositions do not release hydrazoic acid even under the action of moisture and/or carbon dioxide.

IPC 1-7
C06B 35/00; **C06D 5/06**

IPC 8 full level
C06B 35/00 (2006.01); **C06D 5/06** (2006.01)

CPC (source: EP US)
C06B 35/00 (2013.01 - EP US); **C06D 5/06** (2013.01 - EP US)

Cited by
EP0474115A1; AU620703B2

Designated contracting state (EPC)
DE FR GB IT

DOCDB simple family (publication)
DE 3842838 C1 19900111; DE 58903966 D1 19930506; EP 0374650 A1 19900627; EP 0374650 B1 19930331; US 4981536 A 19910101

DOCDB simple family (application)
DE 3842838 A 19881220; DE 58903966 T 19891209; EP 89122756 A 19891209; US 45394489 A 19891219