

Title (en)
Gas generating mixture

Title (de)
Gaserzeugende Mischung

Title (fr)
Mélange génératrice de gaz

Publication
EP 0665201 B1 19961120 (DE)

Application
EP 94119382 A 19941208

Priority
DE 4401213 A 19940118

Abstract (en)
[origin: DE4401213C1] Gas-generating mixtures for rescue and restraint systems (airbags) and also propellants for rockets and tube-launched weapons, comprising the nitrogen-rich and low-carbon fuels GZT, TAGN, NIGU or NTO, catalysts for harmful gas reduction/reaction acceleration of V₂O₅/MoO₃ mixed oxides and/or oxide mixtures, the oxidant Cu(NO₃)₂.3Cu(OH)₂, which makes possible cold and rapid combustion and, if desired, the additional coolant Fe₂O₃ which combines further oxidant properties in itself.

IPC 1-7
C06B 31/00; C06D 5/06

IPC 8 full level
C06B 23/00 (2006.01); **C06B 31/00** (2006.01); **C06D 5/06** (2006.01)

CPC (source: EP US)
C06B 23/007 (2013.01 - EP US); **C06D 5/06** (2013.01 - EP US)

Cited by
EP0694511A4

Designated contracting state (EPC)
DE FR GB IT NL SE

DOCDB simple family (publication)
DE 4401213 C1 19950302; DE 59401081 D1 19970102; EP 0665201 A1 19950802; EP 0665201 B1 19961120; US 5542998 A 19960806

DOCDB simple family (application)
DE 4401213 A 19940118; DE 59401081 T 19941208; EP 94119382 A 19941208; US 37301995 A 19950117