

Title (en)

GAS-GENERATING MATERIAL FOR GAS-ACTUATED CAR SAFETY DEVICES

Title (de)

GASERZEUGENDES MATERIAL FÜR GAS AUSGELÖSTE SICHERHEITSVORRICHTUNGEN IN AUTOS

Title (fr)

MATIERE LIBERANT DU GAZ POUR DISPOSITIFS DE SECURITE ACTIONNES PAR GAZ POUR AUTOMOBILES

Publication

EP 1171403 A1 20020116 (EN)

Application

EP 99965701 A 19991229

Priority

- SE 9902496 W 19991229
- SE 9804611 A 19981230

Abstract (en)

[origin: WO0040523A1] The present invention relates to a process for the preparation of gas-releasing pyrotechnical compositions that are intended primarily for use in gas-actuated car safety devices such as air-bag assemblies, safety-belt tighteners, inflatable neck supports, etc. and which can be recovered if they are not actively used. The invention also relates to these compositions themselves. The invention is mainly characterized by the use of guanidine dinitramide, possibly combined with guanyl urea dinitramide, as gas-generating substance(s) in products of the said type.

IPC 1-7

C06D 5/06; C06B 25/34; C01B 21/082; B60R 21/26

IPC 8 full level

C06B 25/34 (2006.01); **C06D 5/06** (2006.01)

CPC (source: EP)

C06B 25/34 (2013.01); **C06D 5/06** (2013.01)

Citation (search report)

See references of WO 0040523A1

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

WO 0040523 A1 20000713; AT E237567 T1 20030515; DE 69907036 D1 20030522; DE 69907036 T2 20040129; EP 1171403 A1 20020116; EP 1171403 B1 20030416; ES 2197707 T3 20040101; SE 513315 C2 20000821; SE 9804611 D0 19981230; SE 9804611 L 20000701

DOCDB simple family (application)

SE 9902496 W 19991229; AT 99965701 T 19991229; DE 69907036 T 19991229; EP 99965701 A 19991229; ES 99965701 T 19991229; SE 9804611 A 19981230