

Title (en)

FLEXIBLE INFLATOR WITH CO-EXTRUDED PROPELLANT AND MOISTURE BARRIER AND GAS GENERATING PROPELLANT COMPOSITIONS FOR USE THEREWITH

Title (de)

FLEXIBLE AUFBLASVORRICHTUNG MIT COEXTRUDIERTEM TREIBMITTEL UND FEUCHTIGKEITSBARRIERE UND GASERZEUGENDE TREIBMITTELZUSAMMENSETZUNGEN ZUR VERWENDUNG DAMIT

Title (fr)

GONFLEUR SOUPLE CONTENANT UN GAZ DE PROPULSION CO-EXTRUDE ET UN BARRIERE A L'HUMIDITE ET COMPOSITIONS DE GAZ DE PROPULSION UTILISEES AVEC LEDIT GONFLEUR

Publication

EP 1633688 A2 20060315 (EN)

Application

EP 04776047 A 20040520

Priority

- US 2004015756 W 20040520
- US 44469003 A 20030523
- US 44476603 A 20030523

Abstract (en)

[origin: WO2005014507A2] A flexible inflator for an inflation assembly and related gas generating propellant compositions are provided. The flexible inflator includes at least one elongated strand of a propellant co-extruded with a moisture barrier. The propellant compositions are adapted for co-extrusion with a plastic sheath which forms the moisture barrier surrounding the propellant and include a binder fuel component effective to render the composition flexible and to impart sufficient adhesive properties such that the propellant composition and the plastic sheath adhere together, and an oxidizer.

IPC 1-7

C06B 21/00

IPC 8 full level

B60R 21/26 (2006.01); **B60R 21/264** (2006.01); **C06B 21/00** (2006.01); **C06B 45/10** (2006.01); **C06C 9/00** (2006.01); **C06D 5/06** (2006.01); **B60R 21/20** (2006.01); **B60R 21/213** (2006.01)

CPC (source: EP KR)

B60R 21/16 (2013.01 - KR); **B60R 21/2646** (2013.01 - EP); **C06B 21/0075** (2013.01 - EP KR); **C06B 21/0083** (2013.01 - EP KR); **C06B 27/00** (2013.01 - KR); **C06B 45/10** (2013.01 - EP); **C06C 9/00** (2013.01 - EP); **C06D 5/06** (2013.01 - EP KR); **B60R 21/213** (2013.01 - EP)

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL MK

DOCDB simple family (publication)

WO 2005014507 A2 20050217; **WO 2005014507 A3 20060511**; EP 1633688 A2 20060315; EP 1633688 A4 20111228; JP 2007525355 A 20070906; JP 4723485 B2 20110713; KR 101083499 B1 20111116; KR 20060021321 A 20060307

DOCDB simple family (application)

US 2004015756 W 20040520; EP 04776047 A 20040520; JP 2006514900 A 20040520; KR 20057022260 A 20040520