

Title (en)

GAS-GENERATING SOLID PYROTECHNIC LOADS BASED ON COMPOSITIONS CONTAINING WATER

Title (de)

GASERZEUGENDE FESTE PYROTECHNISCHE LADUNGEN AUF BASIS VON WASSERHALTIGEN ZUSAMMENSETZUNGEN

Title (fr)

CHARGEMENTS PYROTECHNIQUES SOLIDES GENERATEURS DE GAZ A BASE DE COMPOSITION CONTENANT DE L'EAU

Publication

EP 1087919 A1 20010404 (FR)

Application

EP 99920902 A 19990521

Priority

- FR 9901206 W 19990521
- FR 9807090 A 19980605

Abstract (en)

[origin: WO9964375A1] The invention concerns the field of gas-generating solid pyrotechnic compositions consisting of a binding agent with gelling effect, such as polyvinyl alcohol, impregnated with a water and hydroxylammonium nitrate solution in the presence, optionally, of oxidants such as ammonium nitrate or nitramines, stabilising and thickening agents. The invention also concerns the continuous manufacture of pyrotechnic loads (13) by forming said compositions in an extruder (1). The resulting loads are useful in pyrotechnic extinguishers and in gas generators designed for safety in motor vehicles.

IPC 1-7

C06B 31/00; **C06B 47/00**; **C06D 5/00**

IPC 8 full level

A62D 1/06 (2006.01); **C06B 31/00** (2006.01); **C06B 47/00** (2006.01); **C06D 5/00** (2006.01)

CPC (source: EP)

A62D 1/06 (2013.01); **C06B 31/00** (2013.01); **C06B 47/00** (2013.01); **C06D 5/00** (2013.01)

Cited by

CN100357235C; CN100357234C

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)

FR 2779426 A1 19991210; **FR 2779426 B1 20000713**; AT E228984 T1 20021215; DE 69904326 D1 20030116; DE 69904326 T2 20030828; EP 1087919 A1 20010404; EP 1087919 B1 20021204; JP 2002517376 A 20020618; WO 9964375 A1 19991216

DOCDB simple family (application)

FR 9807090 A 19980605; AT 99920902 T 19990521; DE 69904326 T 19990521; EP 99920902 A 19990521; FR 9901206 W 19990521; JP 2000553386 A 19990521