

Title (en)

QUICK CURE HYDROXYL-TERMINATED BINDER SYSTEM FOR GAS-GENERATING COMPOSITIONS

Title (de)

SCHNELLHARTENDES BINDEMITTELSYSTEM MIT HYDROXYLENDGRUPPEN FUER GASERZEUGENDE ZUSAMMENSETZUNGEN

Title (fr)

SYSTEME DE LIAISON A TERMINAISON HYDROXYLE ET DURCISSEMENT RAPIDE POUR COMPOSITIONS GENERATRICES DE GAZ

Publication

EP 0853603 A4 20001122 (EN)

Application

EP 96929767 A 19960829

Priority

- US 9613827 W 19960829
- US 53848795 A 19951003

Abstract (en)

[origin: WO9712846A1] A gas-generating composition for inflating inflation devices such as air bags, life rafts, slide chutes, and the like which comprises an oxidizer component and a hydroxyl-terminated polybutadiene binder component which does not produce hazardous compounds upon combustion. The composition further includes a curing agent and a cure catalyst so that it can be molded and quick-cured. Molded articles can be formed by injection molding or extrusion.

IPC 1-7

C06B 45/10

IPC 8 full level

C06B 45/10 (2006.01); **C06D 5/00** (2006.01); **C06D 5/06** (2006.01); **C08G 18/69** (2006.01); **C08L 47/00** (2006.01)

CPC (source: EP KR)

C06B 45/10 (2013.01 - EP KR); **C06D 5/06** (2013.01 - EP)

Citation (search report)

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- [T] GB 2305170 A 19970402 - SECR DEFENCE [GB], et al & NO 113619 C 19911119 - ROYAL ORDNANCE PLC [GB]
- [Y] US 4597811 A 19860701 - DUCOTE MARJORIE E [US]
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- [Y] EP 0194180 A1 19860910 - POUDRES & EXPLOSIFS STE NALE [FR]
- See references of WO 9712846A1

Designated contracting state (EPC)

DE FR GB IT SE

DOCDB simple family (publication)

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DOCDB simple family (application)

US 9613827 W 19960829; AU 6903996 A 19960829; DE 69630965 T 19960829; EP 96929767 A 19960829; JP 51425197 A 19960829; KR 19980701612 A 19980303