

Title (en)

Ultra-high burn rate gun propellants.

Title (de)

Treibladung für Feuerwaffen mit ultrahoher Brenngeschwindigkeit.

Title (fr)

Charge propulsive à vitesse de combustion ultra-rapide.

Publication

**EP 0608488 A1 19940803 (EN)**

Application

**EP 93116994 A 19931020**

Priority

US 919193 A 19930125

Abstract (en)

A family of ultra-high burn rate gun propellant systems based upon a nitrocellulose binder matrix, and containing a variety of azide components to provide formulations having reduced isochoric flame temperatures and ultra-high mass consumption rates.

IPC 1-7

**C06B 45/10**; **C06B 25/34**

IPC 8 full level

**C06B 25/34** (2006.01); **C06B 45/10** (2006.01)

CPC (source: EP)

**C06B 25/34** (2013.01); **C06B 45/105** (2013.01)

Citation (search report)

- [XA] EP 0445357 A2 19910911 - ROCKWELL INTERNATIONAL CORP [US]
- [XA] GB 1362506 A 19740807 - ROCKWELL INTERNATIONAL CORP
- [X] US 3697341 A 19721010 - ROSHER RONALD, et al
- [A] US 3873579 A 19750325 - ROSHER RONALD
- [X] EP 0120668 A1 19841003 - HERCULES INC [US]
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- [A] US 4655859 A 19870407 - SAYLES DAVID C [US]
- [A] US 3962297 A 19760608 - HILL WILLIAM E

Designated contracting state (EPC)

BE CH DE DK FR GB IT LI NL SE

DOCDB simple family (publication)

**EP 0608488 A1 19940803**; CA 2105933 A1 19940625; NO 940243 D0 19940124; NO 940243 L 19940726

DOCDB simple family (application)

**EP 93116994 A 19931020**; CA 2105933 A 19930910; NO 940243 A 19940124