

Title (en)

Pyrotechnic delay element comprising a slow burning pyrotechnic composition

Title (de)

Pyrotechnisches Verzögerungselement mit einer pyrotechnischen Zusammensetzung mit einer langsamen Brenngeschwindigkeit

Title (fr)

Retard pyrotechnique comportant une composition pyrotechnique à combustion lente

Publication

EP 1328493 A1 20030723 (FR)

Application

EP 01972215 A 20010926

Priority

- FR 0102981 W 20010926
- FR 0012490 A 20000927

Abstract (en)

[origin: WO0226662A1] The invention concerns a slow combustion composition for long pyrotechnic delays. It comprises an oxidant of the perchlorate type in a mass percentage ranging between 75 and 91 %, a reducer selected among aromatic hydrocarbons in a mass percentage ranging between 5 and 20 %, 0 to 6 % by volume of a binder and 0 to 5 % by volume of a nanometric silica powder. The invention is useful for making cords or wicks for combustion rate delays of the order of mm/s.

IPC 1-7

C06C 5/06; **C06B 29/22**

IPC 8 full level

C06B 29/22 (2006.01); **C06C 5/06** (2006.01)

CPC (source: EP US)

C06B 29/22 (2013.01 - EP US); **C06C 5/06** (2013.01 - EP US)

Citation (search report)

See references of WO 0226662A1

Designated contracting state (EPC)

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

DOCDB simple family (publication)

WO 0226662 A1 20020404; EP 1328493 A1 20030723; FR 2814462 A1 20020329; FR 2814462 B1 20031128; IL 148951 A0 20021110; IL 148951 A 20050831; US 2002162615 A1 20021107; US 6723191 B2 20040420; ZA 200203564 B 20030106

DOCDB simple family (application)

FR 0102981 W 20010926; EP 01972215 A 20010926; FR 0012490 A 20000927; IL 14895101 A 20010926; US 11131402 A 20020423; ZA 200203564 A 20020506