

Title (en)

Propellants with a high specific impulsion, containing furazane derivatives

Title (de)

Propergole mit hohem spezifischem Impuls, die Furazanderivative enthalten

Title (fr)

Propergols à forte impulsion spécifique comportant des dérivés du furazane

Publication

EP 0816306 B1 20000315 (FR)

Application

EP 97401484 A 19970626

Priority

FR 9608051 A 19960628

Abstract (en)

[origin: EP0816306A1] Propergols containing furazane derivatives with high specific impulse are claimed. They contain a binder, some additives and an energetic feed chosen from dinitro bifurazane consisting of 3,3'-azoxybis 4 nitrofurazane C₄N₈O₇, 3,3'-azobis 4 nitrofurazane C₄N₈O₆ and, 3,3' bis 4 nitrofurazane C₄N₆O₆. They also contain 10 wt.% of a pulverulent metallic feed.

IPC 1-7

C06B 25/34

IPC 8 full level

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

CPC (source: EP US)

C06B 25/34 (2013.01 - EP US); **C06B 45/105** (2013.01 - EP US)

Cited by

GB2459795A; FR2911339A1; US8211252B2; WO2008102111A3; WO2008102092A1

Designated contracting state (EPC)

DE GB IT SE

DOCDB simple family (publication)

EP 0816306 A1 19980107; **EP 0816306 B1 20000315**; DE 69701422 D1 20000420; DE 69701422 T2 20000907; FR 2750421 A1 19980102; FR 2750421 B1 19980807; US 5747729 A 19980505

DOCDB simple family (application)

EP 97401484 A 19970626; DE 69701422 T 19970626; FR 9608051 A 19960628; US 86324397 A 19970527