

Title (en)

A stable single phase liquid explosive.

Title (de)

Stabiler einphasiger flüssiger Explosivstoff.

Title (fr)

Explosif liquide à une seule phase stable.

Publication

EP 0102181 A2 19840307 (EN)

Application

EP 83304232 A 19830721

Priority

US 40425182 A 19820802

Abstract (en)

Liquid explosives comprising nitric acid and, as a fuel, one or more of nitromethane, nitroethane, nitropropane, nitrobenzene, nitrotoluene, dinitrobenzene and dinitrotoluene, are stabilised by the inclusion therein of at least 0.1% by weight of ammonium ions. The ammonium ions preferably are added in the form of an ammonium salt, which constitutes less than 35 weight percent of the explosive composition. An explosive composition which has been stabilised by the addition of ammonium ions can be de-stabilised by the addition of more nitric acid and/or fuel.

IPC 1-7

C06B 47/00

IPC 8 full level

C06B 25/04 (2006.01); **C06B 25/36** (2006.01); **C06B 47/00** (2006.01)

CPC (source: EP)

C06B 25/04 (2013.01); **C06B 25/36** (2013.01); **C06B 47/00** (2013.01)

Cited by

FR2779426A1; GB2199317A; GB2199317B; US4583991A; RU2654971C1; WO9964375A1

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