

Title (en)

COMBUSTION IMPROVERS FOR NORMALLY LIQUID FUELS

Title (de)

VERBRENNUNGSVERBESSERER FÜR NORMALERWEISE FLÜSSIGE KRAFTSTOFFE

Title (fr)

AGENTS AMELIORANT LA COMBUSTION DESTINES A DES CARBURANTS OU DES COMBUSTIBLES NORMALEMENT LIQUIDES

Publication

EP 1390454 A2 20040225 (EN)

Application

EP 02719092 A 20020228

Priority

- US 0205990 W 20020228
- US 27220901 P 20010228

Abstract (en)

[origin: WO02068570A2] Fuel compositions comprising a major amount of a normally liquid fuel and a minor amount of a hydroxylamine or a salt thereof, more often wherein each hydroxylamino group of the hydroxylamine or salt thereof contains no more than one tertiary alkyl substituent. The hydroxylamine or salt thereof provide improved combustion properties to a wide variety of normally liquid fuels, including hydrocarbon based fuels, oxygenates and synthetic fuels.

IPC 1-7

C10L 1/22; C10L 10/02; C10L 1/14; C10L 1/10

IPC 8 full level

F02M 25/00 (2006.01); **C10L 1/02** (2006.01); **C10L 1/06** (2006.01); **C10L 1/08** (2006.01); **C10L 1/10** (2006.01); **C10L 1/22** (2006.01); **C10L 1/222** (2006.01); **C10L 1/23** (2006.01); **C10L 1/238** (2006.01); **C10L 1/32** (2006.01); **C10L 10/02** (2006.01); **F23K 5/08** (2006.01); **C10L 1/12** (2006.01); **C10L 1/16** (2006.01); **C10L 1/18** (2006.01); **C10L 1/24** (2006.01)

CPC (source: EP)

C10L 1/10 (2013.01); **C10L 1/23** (2013.01); **C10L 1/238** (2013.01); **C10L 1/328** (2013.01); **C10L 10/02** (2013.01); **C10L 1/125** (2013.01); **C10L 1/1266** (2013.01); **C10L 1/1608** (2013.01); **C10L 1/1824** (2013.01); **C10L 1/1826** (2013.01); **C10L 1/1852** (2013.01); **C10L 1/1855** (2013.01); **C10L 1/1881** (2013.01); **C10L 1/1883** (2013.01); **C10L 1/1963** (2013.01); **C10L 1/1966** (2013.01); **C10L 1/198** (2013.01); **C10L 1/1985** (2013.01); **C10L 1/221** (2013.01); **C10L 1/2222** (2013.01); **C10L 1/2225** (2013.01); **C10L 1/224** (2013.01); **C10L 1/226** (2013.01); **C10L 1/2283** (2013.01); **C10L 1/231** (2013.01); **C10L 1/232** (2013.01); **C10L 1/2364** (2013.01); **C10L 1/2366** (2013.01); **C10L 1/2383** (2013.01); **C10L 1/2437** (2013.01); **C10L 1/2443** (2013.01); **C10L 1/245** (2013.01); **C10L 1/2456** (2013.01)

Citation (search report)

See references of WO 02068570A2

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 02068570 A2 20020906; **WO 02068570 A3 20031016**; CA 2439470 A1 20020906; EP 1390454 A2 20040225; JP 2004530739 A 20041007

DOCDB simple family (application)

US 0205990 W 20020228; CA 2439470 A 20020228; EP 02719092 A 20020228; JP 2002568667 A 20020228