

Title (en)

FUEL COMPOSITIONS EXHIBITING IMPROVED FUEL STABILITY

Title (de)

VERBESSERTE BRENNSTOFFESTABILITÄT AUFWEISENDE BRENNSTOFFEZUSAMMENSETZUNGEN

Title (fr)

COMPOSITIONS DE CARBURANT CARACTERISEES PAR UNE STABILITE AMELIOREE DUDIT CARBURANT

Publication

EP 0954558 B1 20060614 (EN)

Application

EP 97954909 A 19971208

Priority

- US 9722046 W 19971208
- US 76369696 A 19961209

Abstract (en)

[origin: WO9826028A1] A fuel composition of the present invention exhibits minimized hydrolysis and increased fuel stability, even after extended storage at 65 DEG F for 6-9 months. The composition, which is preferably not strongly alkaline (3.0 to 10.5), is more preferably weakly alkaline to mildly acidic (4.5 to 8.5) and most preferably slightly acidic (6.3 to 6.8), includes a lower dialkyl carbonate, a combustion improving amount of at least one high heating combustible compound containing at least one element selected from the group consisting of aluminum, boron, bromine, bismuth, beryllium, calcium, cesium, chromium, cobalt, copper, francium, gallium, germanium, iodine, iron, indium, lithium, magnesium, manganese, molybdenum, nickel, niobium, nitrogen, phosphorus, potassium, palladium, rubidium, sodium, tin, zinc, praseodymium, rhenium, silicon, vanadium, or mixture, and a hydrocarbon base fuel.

IPC 8 full level

C10L 1/14 (2006.01); **C10L 1/02** (2006.01); **C10L 1/10** (2006.01); **C10L 10/00** (2006.01)

CPC (source: EP)

C10L 1/023 (2013.01); **C10L 1/026** (2013.01); **C10L 1/10** (2013.01); **C10L 10/00** (2013.01)

Cited by

RU2485341C1; RU2482313C1

Designated contracting state (EPC)

DE FR GB IT NL

DOCDB simple family (publication)

WO 9826028 A1 19980618; AU 6432398 A 19980703; CA 2274607 A1 19980618; DE 69736123 D1 20060727; DE 69736123 T2 20061228; EP 0954558 A1 19991110; EP 0954558 B1 20060614

DOCDB simple family (application)

US 9722046 W 19971208; AU 6432398 A 19971208; CA 2274607 A 19971208; DE 69736123 T 19971208; EP 97954909 A 19971208