

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)

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