

Title (en)
IGNITION IMPROVER FOR AN ALCOHOL BASED FUEL FOR COMPRESSION IGNITION ENGINES

Publication
EP 0116197 A3 19861001 (EN)

Application
EP 83303508 A 19830617

Priority
ZA 83264 A 19830114

Abstract (en)
[origin: EP0116197A2] The invention concerns a composition of matter comprising a mixture of (A) at least one alcohol with an average molecular weight of less than 160 and (B) at least one organic compound of formula $\text{NO}_2\text{-O-(CH}_2\text{CH}_2\text{O)}_x\text{-NO}_2$ wherein x = an integer greater than 3, and wherein the molecular weight (or average molecular weight) of the compound(s) is between 260 and 480. The composition may be used as a fuel for compression ignition engines.

IPC 1-7
C10L 1/02

IPC 8 full level
C10L 1/02 (2006.01); **C10L 1/23** (2006.01)

CPC (source: EP)
C10L 1/02 (2013.01); **C10L 1/231** (2013.01)

Citation (search report)
[XD] EP 0030429 A2 19810617 - AECI LTD [ZA]

Cited by
GB2528041A; EP0313696A1; GB2535234A; CN107438636A; FR3137104A1; US11952936B1; WO2016000834A1; WO2016128147A1; US7575607B2; US8252071B2; WO2022183263A1; US10232341B2; US11674462B2; WO2021102542A1; US11428186B2; US11952954B2; US11959434B2; US11976606B2; WO2022183262A1; WO2023247901A1

Designated contracting state (EPC)
BE DE GB NL

DOCDB simple family (publication)
EP 0116197 A2 19840822; EP 0116197 A3 19861001; EP 0116197 B1 19910102; AU 1651683 A 19840719; AU 558536 B2 19870205; DE 3382079 D1 19910207; ZW 14083 A1 19840829

DOCDB simple family (application)
EP 83303508 A 19830617; AU 1651683 A 19830704; DE 3382079 T 19830617; ZW 14083 A 19830621