

Title (en)

Fuel detergent additives comprising benzophenone derivatives and fuel compositions containing them.

Title (de)

Detergent-Kraftstoffzusätze, die Benzophenon-Derivate enthalten, und dieselben enthaltende Kraftstoffzusammensetzungen.

Title (fr)

Additifs détergents pour combustibles comprenant des dérivés de benzophénone et compositions combustibles les contenant.

Publication

**EP 0152663 A1 19850828 (EN)**

Application

**EP 84301095 A 19840221**

Priority

EP 84301095 A 19840221

Abstract (en)

Benzophenone tetracarboxylic dianhydride, and esters or mixtures thereof when reacted with various hydrocarbyl amines provide automotive fuel additives for liquid hydrocarbon fuels, and such additives are highly useful as fuel detergents, intake valve and exhaust gas valve deposit reducers and as agents for preventing undesired deposits in the carburetor of an internal combustion engine in which liquid hydrocarbon fuels are normally susceptible to forming such deposits.

IPC 1-7

**C10L 1/22**

IPC 8 full level

**C10L 1/224** (2006.01)

CPC (source: EP)

**C10L 1/224** (2013.01); **C10L 10/04** (2013.01); **C10L 10/18** (2013.01)

Citation (search report)

- [X] US 4194885 A 19800325 - AUDEH COSTANDI A [US]
- [Y] FR 2207180 A1 19740614 - BASF AG [DE]

Cited by

WO2023209370A1; WO2023209369A1

Designated contracting state (EPC)

AT BE DE FR GB IT NL SE

DOCDB simple family (publication)

**EP 0152663 A1 19850828**; **EP 0152663 B1 19881026**; AT E38244 T1 19881115; AU 4560285 A 19870205; AU 579170 B2 19881117; DE 3474835 D1 19881201; DK 163881 B 19920413; DK 163881 C 19920914; DK 87384 A 19850823; DK 87384 D0 19840222

DOCDB simple family (application)

**EP 84301095 A 19840221**; AT 84301095 T 19840221; AU 4560285 A 19850730; DE 3474835 T 19840221; DK 87384 A 19840222