

Title (en)

Process for enhancing the ketane number of gas oils from visbreaking.

Title (de)

Verfahren zur Verbesserung der Cetanzahl von Visbreaking-Gasöl.

Title (fr)

Procédé pour améliorer l'indice de cétane des gazoles de viscoréduction.

Publication

EP 0381604 A1 19900808 (FR)

Application

EP 90420053 A 19900201

Priority

FR 8901657 A 19890203

Abstract (en)

Improvement in the cetane number of gas oils from visbreaking by bringing the said gas oils into contact either with hydrogen peroxide in the presence of a carboxylic acid or with a percarboxylic acid in the presence or absence of hydrogen peroxide.

Abstract (fr)

Amélioration de l'indice de cétane des gazoles de viscoréduction par mise en contact desdits gazoles soit avec le peroxyde d'hydrogène en présence d'un acide carboxylique, soit avec un acide percarboxylique en présence ou non de peroxyde d'hydrogène.

IPC 1-7

C10G 27/12; **C10G 55/04**

IPC 8 full level

C10G 27/12 (2006.01); **C10G 55/04** (2006.01); **F02B 3/06** (2006.01); **F02B 47/00** (2006.01)

CPC (source: EP US)

C10G 27/12 (2013.01 - EP US); **C10G 55/04** (2013.01 - EP US); **F02B 3/06** (2013.01 - EP US); **F02B 47/00** (2013.01 - EP US)

Citation (search report)

- [YD] EP 0252606 A2 19880113 - EXXON RESEARCH ENGINEERING CO [US]
- [A] US 3719589 A 19730306 - GUPTILL F, et al
- [A] US 1972102 A 19340904 - MALISOFF WILLIAM M
- [A] FR 758567 A 19340119
- [A] FR 1192214 A 19591023 - RES LTD
- [YD] FR 2464947 A1 19810320 - UGINE KUHLMANN [FR]
- [A] EP 0237214 A2 19870916 - ENVIRONMENTAL RES & TECH [US]

Designated contracting state (EPC)

AT BE CH DE DK ES FR GB GR IT LI LU NL SE

DOCDB simple family (publication)

EP 0381604 A1 19900808; **EP 0381604 B1 19930512**; AT E89309 T1 19930515; CA 2009217 A1 19900803; DE 381604 T1 19910117; DE 69001555 D1 19930617; DE 69001555 T2 19931021; DK 0381604 T3 19930607; ES 2017902 A4 19910316; ES 2017902 T3 19931116; FR 2642766 A1 19900810; FR 2642766 B1 19931224; GR 900300146 T1 19910927; JP H02240195 A 19900925; JP H0649871 B2 19940629; US 5114434 A 19920519

DOCDB simple family (application)

EP 90420053 A 19900201; AT 90420053 T 19900201; CA 2009217 A 19900202; DE 69001555 T 19900201; DE 90420053 T 19900201; DK 90420053 T 19900201; ES 90420053 T 19900201; FR 8901657 A 19890203; GR 900300146 T 19910927; JP 2425590 A 19900202; US 47534890 A 19900205