

Title (en)

Method for qualitative improvement of refined products of crude oil

Title (de)

Verfahren zur Qualitätsverbesserung von Erdölprodukten

Title (fr)

Méthode d'amélioration de la qualité de produits de pétrole

Publication

EP 1099745 A1 20010516 (EN)

Application

EP 99600021 A 19991109

Priority

EP 99600021 A 19991109

Abstract (en)

A method for the qualitative improvement of the refined products of crude oil. The method belongs to the field of electronic science. It is applied to generally all the refined products of crude oil, liquid or gaseous. The qualitative improvement is achieved with the pulsatory emission of electromagnetic waves (6) towards the products of crude oil, which are produced by electromechanical or electronic devices (3), are pre-programmed, cover wide ranges of wavelengths from 1 mm to 11,000 Km, together with their harmonic frequencies, which are produced by the device and which are emitted either at all wavelengths from 1 mm to 11,000 Km, or at one or more parts of particular areas, with controlled potency, controlled application time and controlled application result. It is applied in industries and commercial enterprises of products of crude oil. It can also be applied during the ground, marine or air transportation of the products. <IMAGE>

IPC 1-7

C10G 32/02

IPC 8 full level

C10G 32/02 (2006.01)

CPC (source: EP KR)

C10G 32/02 (2013.01 - EP KR)

Citation (search report)

- [X] US 5625178 A 19970429 - ROHEY ALEXANDRE [FR]
- [A] EP 0435590 A1 19910703 - EXXON RESEARCH ENGINEERING CO [US]
- [A] US 5055180 A 19911008 - KLAILA WILLIAM J [US]

Cited by

EP1233049A1; WO20064704A1

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

EP 1099745 A1 20010516; AU 2933800 A 20010606; BG 106707 A 20030131; BR 0015046 A 20021015; CA 2383479 A1 20010517; CN 1387557 A 20021225; EA 200200258 A1 20021031; HK 1049680 A1 20030523; IL 148151 A0 20020912; JP 2003514097 A 20030415; KR 20020068338 A 20020827; MX PA02004392 A 20020902; NO 20020659 D0 20020211; NO 20020659 L 20020502; PL 356178 A1 20040614; WO 0134728 A1 20010517; YU 30802 A 20041231

DOCDB simple family (application)

EP 99600021 A 19991109; AU 2933800 A 20000307; BG 10670702 A 20020516; BR 0015046 A 20000307; CA 2383479 A 20000307; CN 00815250 A 20000307; EA 200200258 A 20000307; GR 0000013 W 20000307; HK 03101736 A 20030311; IL 14815100 A 20000307; JP 2001537427 A 20000307; KR 20027005837 A 20020506; MX PA02004392 A 20000307; NO 20020659 A 20020211; PL 35617800 A 20000307; YU P30802 A 20000307