

Title (en)
USE OF ADDITIVES TO IMPROVE THE ODOR OF HYDROCARBON COMPOSITIONS AND HYDROCARBON COMPOSITIONS COMPRISING SUCH ADDITIVES.

Title (de)
VERWENDUNG VON ADDITIVEN ZUR VERBESSERUNG DES GERUCHS VON KOHLENWASSERSTOFFZUSAMMENSETZUNGEN, UND SOLCHE ADDITIVE ENTHALTENDE KOHLENWASSERSTOFFZUSAMMENSETZUNGEN.

Title (fr)
UTILISATION D'ADDITIFS POUR AMÉLIORER L'ODEUR DE COMPOSITIONS D'HYDROCARBURES ET COMPOSITIONS D'HYDROCARBURES COMPRENANT DE TELS ADDITIFS

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Application
EP 05290917 A 20050426

Priority
FR 0404654 A 20040430

Abstract (en)
Hydrocarbon composition (A) comprising a major portion of at least a hydrocarbon liquid fraction (fuels or combustibles) comprises at least an additive (I) (1-2000 ppm mass). Hydrocarbon composition (A) comprising a major portion of at least a hydrocarbon liquid fraction (fuels or combustibles) comprises at least an additive (I) (1-2000 ppm mass) (bicyclic compound of formula (Ia)). R 1-R 3H, 1-10C hydrocarbon (optionally comprising one or more heteroatoms). Independent claims are also included for: (1) preparation of (A) having an improved odor; (2) additive composition for diesel oil/domestic fuel oil comprising (% mass): detergent additive (5-50), procetane additive (0-60), filterability additive (0-20), (I) (0.1-20) or perfumed composition (containing the additive); (3) additive composition for domestic fuel oil comprising (% mass): combustion promoter agent (5-60), additive antioxidant (1-20), flow point additive (5-20), (I) (0.1-20) or perfumed composition containing the additive; (4) method to improve the odor of (A) (gasoline fuel, diesel fuel oil or domestic fuel oil) comprising the addition of whole or part of hydrocarbons having (I) (alone or in mixture with other reodorants additives); and (5) method to eliminate bacteria and/or fungi from (A) or to warn their appearance in (A) comprising the addition of whole or part of hydrocarbons having (I). [Image].

Abstract (fr)
L'invention a pour objet une composition d'hydrocarbures comprenant une proportion majeure d'au moins une coupe d'hydrocarbures liquides, choisis parmi les carburants ou combustibles, caractérisée en ce qu'elle comprend de 1 à 2000 ppm masse d'au moins un additif de formule (I) ci-après : L'invention a aussi pour objet un procédé de préparation de cette composition, des compositions d'additifs, et des méthodes pour améliorer l'odeur des compositions d'hydrocarbures et pour éliminer les bactéries et/ou les champignons ou prévenir leur apparition dans les compositions d'hydrocarbures.

IPC 1-7
C10L 1/16; **C10L 1/18**; **C10L 1/14**

IPC 8 full level
C10L 1/14 (2006.01); **C10L 1/16** (2006.01); **C10L 1/185** (2006.01); **C10L 1/19** (2006.01); **C10L 1/18** (2006.01)

CPC (source: EP)
C10L 1/143 (2013.01); **C10L 1/1608** (2013.01); **C10L 1/1852** (2013.01); **C10L 1/1857** (2013.01); **C10L 1/19** (2013.01); **C10L 1/191** (2013.01)

Cited by
EP2147966A1; WO2013030295A1; WO2012107454A1; WO2013007738A1; CN103403131A; FR2979633A1; FR2934276A1; FR2977895A1; CN103797098A; JP2014522898A; EA030229B1; US2013109761A1; US8633144B2; US2014107220A1; US2014107221A1; US9834738B2; FR2971254A1; US2013305596A1; EA026446B1; CN110520513A; JP2020514515A; WO2008066828A2; US10280380B2; WO2013092533A1; WO2008074704A1; JP2014506613A; US10167435B2; US10920170B2; US10533144B2; WO2014029770A1; US11168283B2; WO2019101813A1; WO2013120985A1; US10081773B2; US10538714B2

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