

Title (en)

ADDITIVE FOR LIQUEFIED GAS FUELS AND THE USE THEREOF

Title (de)

ADDITIV FÜR FLÜSSIGGAS-TREIBSTOFFE UND SEINE VERWENDUNG

Title (fr)

ADDITIF POUR CARBURANTS GPL ET SON UTILISATION

Publication

EP 2121879 A1 20091125 (DE)

Application

EP 08707517 A 20080201

Priority

- EP 2008000836 W 20080201
- DE 102007005863 A 20070206

Abstract (en)

[origin: WO2008095661A1] The invention relates to an additive for liquefied gas fuels. The additive according to the invention is characterized by a content of a) 1 to 20% by weight of a nitrogenous solvent or dispersant, b) 50 to 90% by weight of at least one lithium, sodium and/or potassium salt of a short-chain organic acid and c) 2 to 30% by weight of at least one glycerol ester having a sterically hindered phenol group, with the proviso that these components add up to 100% by weight. The invention also relates to the use of said additive in a liquefied gas fuel for internal combustion engines to improve the initial lubrication behavior of the liquefied gas fuel of a motor vehicle after cold start.

IPC 8 full level

C10L 10/08 (2006.01); **C10L 3/00** (2006.01); **C10L 3/12** (2006.01)

CPC (source: EP)

C10L 1/14 (2013.01); **C10L 3/12** (2013.01); **C10L 10/08** (2013.01); **C10L 1/1608** (2013.01); **C10L 1/1616** (2013.01); **C10L 1/1824** (2013.01); **C10L 1/1832** (2013.01); **C10L 1/1852** (2013.01); **C10L 1/1881** (2013.01); **C10L 1/1883** (2013.01); **C10L 1/1895** (2013.01); **C10L 1/19** (2013.01); **C10L 1/191** (2013.01); **C10L 1/2222** (2013.01); **C10L 1/2225** (2013.01); **C10L 1/223** (2013.01); **C10L 1/224** (2013.01); **C10L 1/231** (2013.01); **C10L 1/232** (2013.01); **C10L 1/2335** (2013.01); **C10L 1/2406** (2013.01); **C10L 1/2418** (2013.01); **C10L 1/2425** (2013.01); **C10L 1/2437** (2013.01); **C10L 1/2456** (2013.01); **C10L 1/2641** (2013.01)

Citation (search report)

See references of WO 2008095661A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)

DE 102007005863 A1 20080814; DE 102007005863 B4 20091224; EP 2121879 A1 20091125; WO 2008095661 A1 20080814

DOCDB simple family (application)

DE 102007005863 A 20070206; EP 08707517 A 20080201; EP 2008000836 W 20080201