

Title (en)

MULTI-FUNCTION UNIVERSAL FUEL ADDITIVE

Title (de)

MULTIFUNKTIONELLES UNIVERSELLES KRAFTSTOFFADDITIV

Title (fr)

ADDITIF DE CARBURANT MULTIFOCTIONNEL UNIVERSEL

Publication

**EP 3287508 B1 20190515 (EN)**

Application

**EP 16724745 A 20160303**

Priority

- RU 2015114918 A 20150421
- RU 2016000117 W 20160303

Abstract (en)

[origin: EP3287508A1] The invention relates to the field of petroleum refining and petrochemistry, and specifically to the composition of a multi-function universal additive and to a fuel composition containing said additive and intended for use in internal combustion engines, and also in boilers and furnaces. The present fuel additive contains aliphatic alcohols, water, carbamide and acetanilide. Use of the proposed multi-function universal additive in the composition of fuels provides reduced specific fuel consumption, fewer harmful impurities in exhaust and waste gases (CO, CH, soot), and reduced soot formation in the combustion zone. The present additive has dispersant properties in the composition of heavy distillate and residual fuels.

IPC 8 full level

**C10L 1/10** (2006.01)

CPC (source: CN EP IL US)

**C10L 1/10** (2013.01 - CN EP IL US); **C10L 1/125** (2013.01 - CN EP IL US); **C10L 1/1822** (2013.01 - CN IL); **C10L 1/1824** (2013.01 - IL US); **C10L 1/2227** (2013.01 - CN EP IL US); **C10L 1/223** (2013.01 - IL US); **C10L 1/224** (2013.01 - CN IL); **C10L 1/1822** (2013.01 - EP US); **C10L 1/224** (2013.01 - EP US); **C10L 2230/22** (2013.01 - CN EP IL US); **C10L 2300/40** (2013.01 - CN EP IL US)

Designated contracting state (EPC)

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

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

**EP 3287508 A1 20180228**; **EP 3287508 B1 20190515**; AR 104334 A1 20170712; CN 107810256 A 20180316; HK 1252371 A1 20190524; IL 255159 A0 20171231; IL 255159 B 20201130; RU 2577857 C1 20160320; US 2018134976 A1 20180517; WO 2016171583 A1 20161027

DOCDB simple family (application)

**EP 16724745 A 20160303**; AR P160101093 A 20160421; CN 201680035943 A 20160303; HK 18111667 A 20180911; IL 25515917 A 20171019; RU 2015114918 A 20150421; RU 2016000117 W 20160303; US 201615568079 A 20160303