

Title (en)
TERTIOBUTYL HYDROPEROXIDE (TBHP) AS A DIESEL ADDITIVE

Title (de)
TERT.-BUTYLHYDROPEROXID (TBHP) ALS DIESELADDITIV

Title (fr)
HYDROPEROXYDE DE TERTIOBUTYLE (TBHP) COMME ADDITIF DIESEL

Publication
EP 2780435 B1 20210324 (DE)

Application
EP 12784622 A 20121116

Priority

- EP 11189416 A 20111116
- EP 2012072877 W 20121116
- EP 12784622 A 20121116

Abstract (en)
[origin: EP2594623A1] Fuel comprises tert-butyl hydroperoxide (TBHP) as an additive. An independent claim is included for the fuel additive comprising TBHP.

IPC 8 full level
C10L 1/18 (2006.01); **C10L 1/14** (2006.01); **C10L 1/182** (2006.01); **C10L 1/23** (2006.01); **C10L 10/02** (2006.01); **C10L 10/12** (2006.01)

CPC (source: EP US)
C10L 1/14 (2013.01 - EP US); **C10L 1/18** (2013.01 - EP US); **C10L 1/1811** (2013.01 - EP US); **C10L 10/02** (2013.01 - EP US); **C10L 10/12** (2013.01 - EP US); **C10L 1/1824** (2013.01 - EP US); **C10L 1/231** (2013.01 - EP US); **C10L 2270/026** (2013.01 - EP US); **C10L 2300/20** (2013.01 - EP US)

C-Set (source: US)

1. **C10L 1/1811** + **C10L 2300/20**
2. **C10L 1/1811** + **C10L 1/1824**
3. **C10L 1/1811** + **C10L 1/231**

Citation (examination)
GEORGE W MUSHRUSH ET AL: "Liquid-Phase Oxidation of Undecanal by tert-Butyl Hydroperoxide in Dodecane", IND. ENG. CHEM. PROD. RES. DEV., vol. 24, 1 January 1985 (1985-01-01), pages 290 - 293, XP055457009

Cited by
EP3088494A1; EP3088495A1; WO2016174178A1; WO2016174176A1

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

DOCDB simple family (publication)
EP 2594623 A1 20130522; CN 103998582 A 20140820; CN 103998582 B 20160518; EP 2780435 A1 20140924; EP 2780435 B1 20210324; ES 2864214 T3 20211013; IN 1024KON2014 A 20151009; MX 2014005821 A 20141024; US 2014311019 A1 20141023; US 9303224 B2 20160405; WO 2013072478 A1 20130523; ZA 201403247 B 20150930

DOCDB simple family (application)
EP 11189416 A 20111116; CN 201280056319 A 20121116; EP 12784622 A 20121116; EP 2012072877 W 20121116; ES 12784622 T 20121116; IN 1024KON2014 A 20140515; MX 2014005821 A 20121116; US 201214358831 A 20121116; ZA 201403247 A 20140506