

Title (en)

LOW GREENHOUSE GAS FUEL COMPOSITIONS

Title (de)

KRAFTSTOFFZUSAMMENSETZUNGEN MIT NIEDRIGEM TREIBHAUSGAS

Title (fr)

COMPOSITIONS DE CARBURANT À FAIBLE TENEUR EN GAZ À EFFET DE SERRE

Publication

EP 4065673 A1 20221005 (EN)

Application

EP 20821357 A 20201127

Priority

- EP 19212636 A 20191129
- GB 2020053047 W 20201127

Abstract (en)

[origin: EP3828253A1] A fuel composition for a spark-ignition internal combustion engine comprises naphtha in an amount of at least 5 % by volume, and an octane-boosting additive having the formula: The well-to-wheel greenhouse gas emissions associated with the fuel composition are significantly lower than those associated with a conventional gasoline fuel of comparable performance.

IPC 8 full level

C10L 1/233 (2006.01); **C10L 1/232** (2006.01); **C10L 10/02** (2006.01); **C10L 10/10** (2006.01)

CPC (source: EP US)

C10L 1/06 (2013.01 - US); **C10L 1/232** (2013.01 - EP); **C10L 1/233** (2013.01 - EP US); **C10L 1/2335** (2013.01 - EP US); **C10L 10/02** (2013.01 - EP US); **C10L 10/10** (2013.01 - EP US); **C10L 2200/0415** (2013.01 - EP); **C10L 2200/0423** (2013.01 - EP); **C10L 2200/0461** (2013.01 - EP); **C10L 2200/0469** (2013.01 - EP); **C10L 2230/22** (2013.01 - EP US); **C10L 2270/023** (2013.01 - EP US); **C10L 2290/24** (2013.01 - US)

Citation (search report)

See references of WO 2021105709A1

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 3828253 A1 20210602; EP 4065673 A1 20221005; US 2023028644 A1 20230126; WO 2021105709 A1 20210603

DOCDB simple family (application)

EP 19212636 A 20191129; EP 20821357 A 20201127; GB 2020053047 W 20201127; US 202017781041 A 20201127