

Title (en)
AVIATION GASOLINE CONTAINING BRANCHED AROMATICS WITH A MANGANESE OCTANE ENHANCER

Title (de)
FLUGBENZIN MIT VERZWEIGTEN AROMATEN MIT EINEM MANGANOKTANVERSTÄRKER

Title (fr)
CARBURANT D'AVIATION CONTENANT DES COMPOSÉS AROMATIQUES RAMIFIÉS COMPRENANT UN REHAUSSEUR D'OCTANE DE MANGANESE

Publication
EP 3330344 B1 20200108 (EN)

Application
EP 17204818 A 20171130

Priority
US 201615366346 A 20161201

Abstract (en)
[origin: EP3330344A1] An improved aviation gasoline formulation includes a branched aromatic composition to improve the Motor Octane Number of the fuel. Specifically, the branched aromatic composition includes an aromatic functional group covalently bonded to a branched alkyl group. The branched aromatic composition is used in the aviation gasoline together with a manganese-containing compound to enable the fuel to meet MON requirements.

IPC 8 full level
C10L 1/30 (2006.01); **C10L 10/10** (2006.01)

CPC (source: BR CN EP US)
C10L 1/04 (2013.01 - CN); **C10L 1/103** (2013.01 - BR); **C10L 1/14** (2013.01 - CN); **C10L 1/1608** (2013.01 - EP US); **C10L 1/305** (2013.01 - BR CN EP US); **C10L 10/04** (2013.01 - BR CN US); **C10L 10/10** (2013.01 - BR CN EP US); **C10L 2200/0236** (2013.01 - BR EP US); **C10L 2200/0254** (2013.01 - US); **C10L 2200/0423** (2013.01 - EP US); **C10L 2200/043** (2013.01 - BR EP US); **C10L 2230/087** (2013.01 - BR); **C10L 2230/14** (2013.01 - BR); **C10L 2230/22** (2013.01 - BR); **C10L 2270/04** (2013.01 - BR CN EP US); **C10L 2290/24** (2013.01 - BR)

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 3330344 A1 20180606; EP 3330344 B1 20200108; AU 2017268577 A1 20180621; AU 2017268577 B2 20200130; BR 102017025940 A2 20180619; BR 102017025940 B1 20220712; CA 2986857 A1 20180601; CA 2986857 C 20201229; CL 2017003056 A1 20180511; CN 108130142 A 20180608; CN 108130142 B 20201113; MX 2017015555 A 20181109; RU 2017141731 A 20190531; RU 2017141731 A3 20200421; US 2018155648 A1 20180607

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EP 17204818 A 20171130; AU 2017268577 A 20171129; BR 102017025940 A 20171201; CA 2986857 A 20171128; CL 2017003056 A 20171130; CN 201711247340 A 20171201; MX 2017015555 A 20171201; RU 2017141731 A 20171130; US 201615366346 A 20161201