

Title (en)
LEAD-FREE GASOLINE COMPOSITION AND METHOD FOR PRODUCTION THEREOF

Title (de)
BLEIFREIE BENZINZUSAMMENSETZUNG UND HERSTELLUNGSVERFAHREN DAFÜR

Title (fr)
COMPOSITION D'ESSENCE SANS PLOMB ET PROCEDE DE PRODUCTION ASSOCIE

Publication
EP 1686166 A4 20100421 (EN)

Application
EP 04793223 A 20041029

Priority

- JP 2004016115 W 20041029
- JP 2003378503 A 20031107
- JP 2004168365 A 20040607

Abstract (en)
[origin: EP1686166A1] An unleaded gasoline composition having a sulfur content of 1 mass ppm or less and exhibiting sufficient driving performance and a method thereof are provided. A method for producing an unleaded gasoline composition having a sulfur content of 1 mass ppm or less and a research method octane number of 89.0 or more, which comprises a step of subjecting a cracked naphtha fraction having a 5 vol % distillation temperature of 25°C or higher, a 95 vol % distillation temperature of 210°C or lower, an olefin content of 5 mass % or more and a diene value of 0.3 g/100 g or less to a desulfurization treatment, and a blending step of mixing the above resultant desulfurized cracked naphtha fraction with another gasoline base materials; and an unleaded gasoline composition which has a research method octane number of 89.0 or more, a 50 vol % distillation temperature of 105°C or lower, an olefin content of 10 vol % or more, a total sulfur content of 1 mass ppm or less, and a percentage of a thiophene type sulfur compound in the total sulfur content of 50 mass % or more as sulfur.

IPC 8 full level
C10L 1/06 (2006.01); **C10G 29/04** (2006.01); **C10G 45/02** (2006.01); **C10G 45/04** (2006.01); **C10G 45/06** (2006.01); **C10G 45/36** (2006.01); **C10G 53/08** (2006.01); **C10G 53/10** (2006.01); **C10G 55/06** (2006.01); **C10L 1/00** (2006.01)

CPC (source: EP KR US)
C10G 29/04 (2013.01 - KR); **C10G 45/60** (2013.01 - KR); **C10G 53/08** (2013.01 - KR); **C10L 1/06** (2013.01 - EP KR US); **C10G 2300/104** (2013.01 - EP US); **C10G 2300/1044** (2013.01 - EP US); **C10G 2300/202** (2013.01 - EP US); **C10G 2300/301** (2013.01 - EP US); **C10G 2300/305** (2013.01 - EP US); **C10G 2400/02** (2013.01 - EP US)

Citation (search report)

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