

Title (en)
GAS OIL COMPOSITION AND PROCESS FOR PRODUCING THE SAME

Title (de)
GASÖLZUSAMMENSETZUNG UND HERSTELLUNGSVERFAHREN DAFÜR

Title (fr)
PREPARATION DE GAZOLE ET SON PROCEDE DE PRODUCTION

Publication
EP 1619232 A1 20060125 (EN)

Application
EP 04717859 A 20040305

Priority
• JP 2004002917 W 20040305
• JP 2003062336 A 20030307

Abstract (en)
A gas oil composition comprising 20 % by volume or greater of a deep hydrotreated gas oil having a 90% distillation temperature of 200-380°C, a density of 780-870 kg/m³ at 15°C, a sulfur content of 5 ppm by mass or less, an aromatic content of 10 % by volume or less and a naphthene content of 30 % by volume or greater, the hydrotreated gas oil being obtained by subjecting a hydrotreated oil having a sulfur content of 5-10 ppm by mass and a boiling point range of 150-380°C to further hydrogenation in the presence of a hydrogenation catalyst, the gas oil composition having a sulfur content of 5 ppm by mass or less, an aromatic content of 10 % by volume or less, a bicyclic or greater aromatic content of 1 % by volume or less, a naphthene content of 30 % by volume or greater, a density of 820-840 kg/m³ at 15°C, a 10% distillation temperature of 250°C or lower and a 90% distillation temperature of 320°C or lower.

IPC 1-7
C10G 45/02; **C10G 45/44**; **C10G 65/04**

IPC 8 full level
C10G 45/02 (2006.01); **C10L 1/08** (2006.01); **C10G 45/08** (2006.01); **C10G 45/12** (2006.01); **C10G 45/44** (2006.01); **C10G 45/52** (2006.01); **C10G 45/54** (2006.01); **C10G 65/04** (2006.01); **C10G 65/08** (2006.01); **C10G 65/16** (2006.01)

CPC (source: EP)
C10L 1/08 (2013.01); **C10G 2400/06** (2013.01)

Cited by
US8541635B2; CN103865577A; WO2007104709A1; US9688924B2; US10246652B2; US9315742B2; TWI507517B; WO2011061575A1; WO2011061612A3; WO2011061576A1; WO2011061716A3; WO2021237037A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
EP 1619232 A1 20060125; **EP 1619232 A4 20100310**; CN 100510017 C 20090708; CN 1745161 A 20060308; JP 2004269685 A 20040930; WO 2004078885 A1 20040916

DOCDB simple family (application)
EP 04717859 A 20040305; CN 200480002978 A 20040305; JP 2003062336 A 20030307; JP 2004002917 W 20040305