

Title (en)

PREPARATION OF COMPONENTS FOR REFINERY BLENDING OF TRANSPORTATION FUELS

Title (de)

HERSTELLUNG VON KOMPONENTEN FÜR DAS MISCHEN VON KRAFTSTOFFEN IN DER RAFFINERIE

Title (fr)

PREPARATION DE COMPOSANTS POUR MELANGE DE RAFFINERIE DE CARBURANTS DE TRANSPORT

Publication

EP 1682635 A1 20060726 (EN)

Application

EP 04811225 A 20041116

Priority

- US 2004038440 W 20041116
- US 71891203 A 20031121

Abstract (en)

[origin: US2005109678A1] Disclosed is a process to make environment friendly components for refinery blending of transportation fuels. The process involves contacting a petroleum distillate with an oxygen-containing gas at oxidation conditions in the presence of a heterogeneous catalyst comprising a Group VIII metal on a basic support to oxidize any sulfur and/or nitrogen-containing compounds in the distillate. A portion of these sulfur and/or nitrogen-containing compounds is then removed from the oxidation zone effluent.

IPC 8 full level

C10G 27/04 (2006.01); **B01J 21/10** (2006.01); **B01J 23/75** (2006.01); **C10G 27/10** (2006.01); **C10G 45/02** (2006.01); **C10G 53/14** (2006.01)

CPC (source: EP US)

B01J 23/75 (2013.01 - EP US); **C10G 27/04** (2013.01 - EP US); **C10G 27/10** (2013.01 - EP US); **C10G 45/02** (2013.01 - EP US); **C10G 53/14** (2013.01 - EP US); **B01J 21/10** (2013.01 - EP US)

Citation (search report)

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