

Title (en)

Method for removal of sulfur containing compounds from hydrocarbon mixtures

Title (de)

Verfahren zur Entfernung von schwefelhaltigen Verbindungen aus Kohlenwasserstoffgemischen

Title (fr)

Procédé d'élimination du soufre contenant des composés à partir de mélanges d'hydrocarbures

Publication

**EP 2650345 A1 20131016 (EN)**

Application

**EP 12164043 A 20120413**

Priority

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Abstract (en)

The present invention relates to a method for removal of sulfur containing compounds from liquid hydrocarbons containing the sulfur containing compounds by means of deep eutectic solvents.

IPC 8 full level

**C10G 21/06** (2006.01); **C10G 21/28** (2006.01)

CPC (source: EP)

**C10G 21/06** (2013.01); **C10G 21/28** (2013.01)

Citation (applicant)

- WO 0226701 A2 20020404 - SCIONIX LTD [GB], et al
- WO 0056700 A1 20000928 - UNIV LEICESTER [GB], et al
- US 7763768 B2 20100727 - AL NASHEF INAS MUEN [SA], et al
- US 5766482 A 19980616 - BERTAN PAUL B [US]
- US 7758745 B2 20100720 - CHENG SHUN-SHENG [US]
- US 7001504 B2 20060221 - SCHOONOVER ROGER E [US]
- M.A. KAREEM ET AL., J. CHEM. ENG. DATA, vol. 55, 2010, pages 4632 - 4637

Citation (search report)

- [ID] US 7001504 B2 20060221 - SCHOONOVER ROGER E [US]
- [AD] WO 0226701 A2 20020404 - SCIONIX LTD [GB], et al
- [AD] US 7763768 B2 20100727 - AL NASHEF INAS MUEN [SA], et al
- [XI] FA-TANG LI ET AL: "Desulfurization of dibenzothiophene by chemical oxidation and solvent extraction with Me<sub>3</sub>NCH<sub>2</sub>C<sub>6</sub>H<sub>5</sub>Cl.2ZnCl<sub>2</sub> ionic liquid", GREEN CHEMISTRY, vol. 11, no. 6, 1 January 2009 (2009-01-01), pages 883, XP055033879, ISSN: 1463-9262, DOI: 10.1039/b815575e
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BA ME

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