

Title (en)
A METHOD OF UPGRADING CRUDE OIL

Title (de)
VERFAHREN ZUR VERBESSERUNG VON ROHÖL

Title (fr)
PROCÉDÉ DE VALORISATION DE PÉTROLE BRUT

Publication
EP 3196276 A1 20170726 (EN)

Application
EP 16151925 A 20160119

Priority
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Abstract (en)
The present invention provides a method of upgrading crude oil, the method at least comprising the steps of: (a) providing an olefin-containing crude oil stream; (b) adding an olefin-containing stream to the olefin-containing crude oil stream provided in step (a), thereby obtaining an olefin-enriched stream; (c) subjecting the olefin-enriched stream obtained in step (b) to an olefin metathesis reaction in the presence of one or more metathesis catalysts thereby obtaining a metathesis product, the metathesis product containing at least 20 wt.% of a fraction having a boiling point between 50-380 °C at atmospheric pressure; (d) removing at least partly the fraction having a boiling point between 50-380 °C from the metathesis product as obtained in step (c).

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Citation (applicant)
• WO 2010062958 A1 20100603 - ELEVANCE RENEWABLE SCIENCES [US], et al
• S.C. NDLELA ET AL.: "Reducibility of Potassium-Promoted Iron Oxide under Hydrogen Conditions", IND. ENG. CHEM. RES., vol. 42, 2003, pages 2112 - 2121

Citation (search report)
• [X] US 6369286 B1 20020409 - O'REAR DENNIS J [US]
• [A] US 6566568 B1 20030520 - CHEN CONG-YAN [US]
• [AD] WO 2010062958 A1 20100603 - ELEVANCE RENEWABLE SCIENCES [US], et al

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