

Title (en)  
INTEGRATED HYDROCRACKING PROCESS TO PRODUCE LIGHT OLEFINS, AROMATICS, AND LUBRICATING BASE OILS FROM CRUDE OIL

Title (de)  
INTEGRIERTES HYDROCRACKVERFAHREN ZUR HERSTELLUNG VON LEICHTEN OLEFINEN, AROMATEN UND SCHMIERBASISÖLEN AUS ROHÖL

Title (fr)  
PROCÉDÉ D'HYDROCRAQUAGE INTÉGRÉ POUR PRODUIRE DES OLÉFINES LÉGÈRES, DES COMPOSÉS AROMATIQUES ET DES HUILES DE BASE LUBRIFIANTES À PARTIR DE PÉTROLE BRUT

Publication  
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Application  
**EP 20801007 A 20201020**

Priority  
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• IB 2020059864 W 20201020

Abstract (en)  
[origin: WO2021079272A1] A method of producing one or more olefins and one or more lubricating base oils is disclosed. The method includes hydrocracking hydrocarbons of a hydrocarbon feed stream that include vacuum gasoil to produce a stream that includes hydrocracked hydrocarbons. The method further includes fractionating the stream that includes hydrocracked hydrocarbons to form intermediate streams. The method further includes steam cracking one or more of the intermediate streams to produce at least one olefin and processing one or more of the intermediate streams to produce at least one lubricating base oil.

IPC 8 full level  
**C10M 177/00** (2006.01); **C10G 9/36** (2006.01); **C10G 21/00** (2006.01); **C10G 47/00** (2006.01); **C10G 65/10** (2006.01); **C10G 67/04** (2006.01); **C10G 69/04** (2006.01)

CPC (source: EP KR US)  
**C10C 3/023** (2013.01 - US); **C10G 9/36** (2013.01 - EP KR); **C10G 21/003** (2013.01 - EP KR); **C10G 47/00** (2013.01 - EP KR); **C10G 65/10** (2013.01 - EP KR); **C10G 65/12** (2013.01 - US); **C10G 67/049** (2013.01 - EP KR); **C10G 69/04** (2013.01 - EP KR); **C10G 2300/1077** (2013.01 - US); **C10G 2300/4006** (2013.01 - US); **C10G 2300/4012** (2013.01 - US); **C10G 2400/10** (2013.01 - KR US); **C10G 2400/20** (2013.01 - KR US); **C10G 2400/30** (2013.01 - KR US)

Citation (search report)  
See references of WO 2021079272A1

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