

Title (en)

CATALYTIC AND SOLVENT PROCESSING FOR BASE OIL PRODUCTION

Title (de)

KATALYTISCHE VERARBEITUNG UND LÖSUNGSMITTELVERARBEITUNG ZUR HERSTELLUNG VON GRUNDÖL

Title (fr)

TRAITEMENT CATALYTIQUE ET TRAITEMENT PAR VOIE HUMIDE POUR LA PRODUCTION D'HUILE DE BASE

Publication

EP 3240871 A1 20171108 (EN)

Application

EP 15823904 A 20151228

Priority

- US 201462097649 P 20141230
- US 2015067638 W 20151228

Abstract (en)

[origin: WO2016109413A1] Methods are provided for producing lubricant base oils using a combination of catalytic and solvent processing. By using a combination of catalytic processing for feed conversion and dewaxing while using solvent processing for removal of aromatics. Group II and Group III lubricant base oils can be produced using low pressure catalytic processes.

IPC 8 full level

C10G 21/16 (2006.01); **C10G 25/03** (2006.01); **C10G 45/58** (2006.01); **C10G 67/00** (2006.01); **C10G 67/04** (2006.01); **C10G 67/06** (2006.01)

CPC (source: EP US)

C10G 21/16 (2013.01 - EP US); **C10G 21/27** (2013.01 - EP US); **C10G 25/003** (2013.01 - EP US); **C10G 25/03** (2013.01 - EP US); **C10G 45/58** (2013.01 - EP US); **C10G 65/043** (2013.01 - EP US); **C10G 67/00** (2013.01 - EP US); **C10G 67/04** (2013.01 - EP US); **C10G 67/0409** (2013.01 - EP US); **C10G 67/0418** (2013.01 - EP US); **C10G 67/06** (2013.01 - EP US); **C10G 67/16** (2013.01 - EP US); **C10G 69/02** (2013.01 - US); **C10M 101/02** (2013.01 - US); **C10G 2300/202** (2013.01 - EP US); **C10G 2300/301** (2013.01 - EP US); **C10G 2300/302** (2013.01 - EP US); **C10G 2400/10** (2013.01 - EP US)

Citation (search report)

See references of WO 2016109413A1

Citation (examination)

- US 6468418 B1 20021022 - BISCARDI JOSEPH A [US], et al
- GB 2005299 A 19790419 - SHELL INT RESEARCH
- EP 0712922 A2 19960522 - SHELL INT RESEARCH [NL]
- US 4977871 A 19901218 - BROWNAWELL DARRELL W [US], et al

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

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