

Title (en)
PROCESS FOR PREPARING A VERY HIGH QUALITY LUBE BASE STOCK OIL

Publication
EP 0219927 B1 19900919 (EN)

Application
EP 86305095 A 19860701

Priority
US 75347885 A 19850710

Abstract (en)
[origin: EP0219927A1] A process for obtaining a very high quality lube base stock is disclosed which comprises: (a) introducing an aromatic and nitrogen-and sulfur-containing feedstock selected from a dewaxed oil obtained from refining distillate fraction and having a 60 to 700 SUS at 38 DEG C (100 DEG F) and a dewaxed oil obtained from refining vacuum resid and having a 2300 to 2700 SUS at 38 DEG C (100 DEG F), and hydrogen, into a single stage hydrotreating reactor; and, (b) subjecting the feedstock to hydrotreating in the reactor in the presence of a sulfided cobalt/molybdenum hydrotreating catalyst at an average reactor temperature of from 288 DEG to 371 DEG C (550 to 700 DEG F) at a hydrogen partial pressure of 10340 to 20680 kPa.a (1500 to 3000 psia) at the reactor outlet, an LHSV of 0.1 to 1.0 and a hydrogen circulation rate of 53.4 to 445 vol/vol (300 to 2500 SCF per barrel). s

IPC 1-7
C10G 49/04; **C10G 65/02**

IPC 8 full level
C10G 45/06 (2006.01); **C10G 45/08** (2006.01); **C10G 45/50** (2006.01)

CPC (source: EP)
C10G 45/50 (2013.01); **C10G 2400/10** (2013.01)

Cited by
EP0491932A4; EP0587712A4; CN109401782A

Designated contracting state (EPC)
BE DE FR GB IT NL

DOCDB simple family (publication)
EP 0219927 A1 19870429; **EP 0219927 B1 19900919**; AU 5871986 A 19870115; AU 592347 B2 19900111; BR 8603144 A 19870224; CA 1280989 C 19910305; DE 3674326 D1 19901025; ES 556430 A0 19871116; ES 8800710 A1 19871116; JP S6215289 A 19870123

DOCDB simple family (application)
EP 86305095 A 19860701; AU 5871986 A 19860613; BR 8603144 A 19860704; CA 512563 A 19860626; DE 3674326 T 19860701; ES 556430 A 19860623; JP 15521786 A 19860703