

Title (en)  
PROCESS TO PREPARE A LUBRICATING BASE OIL AND ITS USE

Title (de)  
VERFAHREN ZUR HERSTELLUNG EINES SCHMIERBASEÖLS

Title (fr)  
PROCÉDÉ DE PRÉPARATION D'HUILE DE BASE LUBRIFIANTE

Publication  
**EP 1791931 A1 20070606 (EN)**

Application  
**EP 05766833 A 20050623**

Priority  

- EP 2005052955 W 20050623
- EP 2004051248 W 20040625
- EP 04258134 A 20041224
- EP 05766833 A 20050623

Abstract (en)  
[origin: WO2006003119A1] Process to prepare an iso-paraffinic base oil having an improved seal swelling properties by subjecting a mixture of (i) a petroleum derived feed having a pour point below -5 °C, an aromatic content of between 0 and 20 wt% and a naphthenic compound content of between 15 and 90 wt% and (ii) a Fischer-Tropsch derived feed to a catalytic pour point reducing treatment and wherein the content of the petroleum derived feed (i) in the mixture is between 5 and 50 wt%. The invention is also directed to the use of the base oils thus obtained in gear oil and hydraulic oil application.

IPC 8 full level  
**C10G 45/58** (2006.01); **C10G 65/12** (2006.01)

CPC (source: EP KR US)  
**C10G 45/58** (2013.01 - EP KR US); **C10G 65/00** (2013.01 - EP US); **C10G 65/12** (2013.01 - EP KR US); **C10G 2400/10** (2013.01 - EP US)

Citation (search report)  
See references of WO 2006003119A1

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)  
**WO 2006003119 A1 20060112**; EP 1791931 A1 20070606; JP 2008503629 A 20080207; KR 20070026837 A 20070308;  
US 2009159492 A1 20090625

DOCDB simple family (application)  
**EP 2005052955 W 20050623**; EP 05766833 A 20050623; JP 2007517301 A 20050623; KR 20077001545 A 20070122; US 63049705 A 20050623