

Title (en)
PROCESS TO PREPARE A LUBRICATING BASE OIL

Title (de)
VERFAHREN ZUR HERSTELLUNG EINES SCHMIERÖL-GRUNDÖLS

Title (fr)
PROCEDE DE PREPARATION D'HUILE DE BASE LUBRIFIANTE

Publication
EP 1720959 A1 20061115 (EN)

Application
EP 05716790 A 20050224

Priority
• EP 2005050792 W 20050224
• US 54800204 P 20040226

Abstract (en)
[origin: WO2005083039A1] Process to prepare a lubricating base oil having a saturates content of greater than 90 wt% and a viscosity index of greater than 90 starting from a vacuum distillate feedstock by performing the following steps: (a) contacting the vacuum distillate feedstock with an extraction solvent selective for extracting aromatic compounds from the vacuum distillate, (b) mixing the extracted oil obtained in step (a) with a feed comprising of more than 50 wt% wax or comprising of more than 80 wt% of paraffins and having a pour point greater than 0 <°>C, (c) hydrotreating the blend obtained in step (b), (e) catalytically dewaxing the hydrotreated oil obtained in step (c) to obtained the lubricating base oil and (e) contacting the dewaxed oil with an aromatics saturation catalyst.

IPC 8 full level
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