

Title (en)
METHOD OF REFINING PETROLEUM

Title (de)
VERFAHREN ZUR RAFFINATION VON ERDÖL

Title (fr)
PROCEDE DE RAFFINEMENT DE PETROLE

Publication
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Application
EP 01998614 A 20011130

Priority
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Abstract (en)
[origin: EP1350832A1] The oil refining method according to the present invention comprises the fractional distillation process 1 for distilling and separating the feed oil into the distillate M1 and the residue M2; the hydrorefining process 2 wherein at least a part of the distillate M1 is refined by hydrogenation and desulfurized thereby to obtain the hydrorefined oil M3; the solvent deasphalting process 3 wherein the residue M2 is deasphalted with a solvent thereby to obtain the deasphalted oil M4 as an extract and asphaltene (pitch) M5 as the residue; the hydrodemetalizing/desulfurizing process 4 wherein at least a part of the deasphalted oil M4 is demetalized and desulfurized by hydrogenation thereby to obtain the HDMS refined oil M6; and the first mixing process 5 wherein a part of the HDMS refined oil M6 and at least a part of the hydrorefined oil M3 are mixed thereby to produce oil products. <IMAGE>

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Citation (search report)
• [PX] EP 1130080 A1 20010905 - JGC CORP [JP]
• [X] US 4006076 A 19770201 - CHRISTENSEN ROBERT I, et al & WO 0026325 A1 20000511 - JGC CORP [JP], et al
• See references of WO 0244307A1

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