

Title (en)

PROCESS TO PREPARE A BASE OIL FROM A FISCHER -TROPSCH SYNTHESIS PRODUCT

Title (de)

VERFAHREN ZUR HERSTELLUNG EINES GRUNDÖLS AUS EINEM PRODUKT DER FISCHER-TROPSCH-SYNTHESE

Title (fr)

PROCÉDÉ DE PRÉPARATION D'HUILES DE BASE À PARTIR D'UN PRODUIT DE SYNTHÈSE FISCHER-TROPSCH

Publication

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Application

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Abstract (en)

[origin: WO2006069990A1] Process to prepare base oils from a Fischer-Tropsch synthesis product by (a) separating the Fischer-Tropsch synthesis product into a fraction (i) boiling in the middle distillate range and below, a heavy ends fraction (iii) and an intermediate base oil precursor fraction (ii) boiling between fraction (i) and fraction (iii) , (b) subjecting the base oil precursor fraction (ii) to a catalytic hydroisomerisation step in the presence of a catalyst comprising a binder, zeolite Beta and a Group VIII metal and a catalytic dewaxing step in the presence of a catalyst comprising a binder, a medium pore size zeolite having and a Group VIII hydrogenation component to yield one or more base oil grades, (c) subjecting the heavy ends fraction (iii) to a conversion step to yield a fraction (iv) boiling below the heavy ends fraction (iii) and (d) subjecting the high boiling fraction (v) of fraction (iv) to a catalytic hydroisomerisation and catalytic dewaxing process to yield one or more base oil grades .

IPC 8 full level

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