

Title (en)

METHOD FOR PRODUCING LOW-VISCOUS MARINE FUEL

Title (de)

VERFAHREN ZUR HERSTELLUNG VON NIEDERVISKOSEM SCHIFFSBRENNSTOFF

Title (fr)

PROCEDE DE PRODUCTION DE COMBUSTIBLE A FAIBLE VISCOSITE POUR BATEAUX

Publication

**EP 1661966 A1 20060531 (EN)**

Application

**EP 03789663 A 20031023**

Priority

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- RU 2003121343 A 20030715

Abstract (en)

The invention relates to petroleum processing, more precisely to a method for producing a low-viscous marine fuel used for ship or boiler plants. The inventive method involves oil atmospheric vacuum distillation associated with separation of straight-run and vacuum fractions, catalytic cracking of a wide fraction associated with separation of a catalytic cracking distillate. The vacuum fraction boiling at a temperature ranging from 360 to 490 °C is cleaned by selective solvent. Afterwards, the thus obtained highly aromatised extract is compounded with the straight-run fractions and catalytic cracking distillate at a ratio of 1:69:30-20:25:55 respectively, the target product being obtained. In addition, the straight-run fractions whose boiling point ranges from 160 to 380 °C are separated, and the wide fraction whose boiling point ranges from 330 to 540 °C is exposed to catalytic cracking associated with separation of a catalytic cracking distillate boiling at a temperature ranging from 160 to 420 °C. Up to 50 mass % coking fraction boiling at a temperature of 160 - 420 °C could also be added to the target product.

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