

Title (en)
A METHOD FOR PRODUCING OIL-BASED COMPONENTS

Title (de)
VERFAHREN ZUR HERSTELLUNG VON KOMPONENTEN AUF ÖLBASIS

Title (fr)
PROCÉDÉ DE PRODUCTION DE COMPOSANTS À BASE D'HUILE

Publication
EP 3081623 A1 20161019 (EN)

Application
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Priority
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Abstract (en)
The invention provides a method of producing oil-based components, comprising the steps of: providing VGO and wax; combining the VGO as a major component and the wax as a minor component to provide a feedstock; subjecting the feedstock to a hydrocracking step to provide a first effluent; fractionating the first effluent to provide at least a bottom fraction and a middle distillate fraction; recovering the bottom fraction and the middle distillate fraction. The invention further provides a method for improving the viscosity index of base oil, comprising the steps of: providing VGO and wax; combining the VGO as a major component and the wax as a minor component to provide a feedstock; subjecting the feedstock to a hydrocracking step to provide a first effluent; fractionating the first effluent to provide at least a bottom fraction and a middle distillate fraction; subjecting the bottom fraction to a dewaxing step to provide a second effluent; fractionating the second effluent to provide at least a middle distillate and base oil; recovering the middle distillate and the base oil.

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