

Title (en)

METHOD FOR IMPROVING THE POUR-POINT OF PARAFFIN FEEDSTOCK WITH A NU-86 ZEOLITE BASED CATALYST

Title (de)

METHODE ZUR VERBESSERUNG DES STOCKPUNKTES VON PARAFFIN AUSGANGSSTOFFEN MIT EINEM AUF NU-86 ZEOLITH BASIERENDEN KATALYSATOR

Title (fr)

PROCEDE POUR L'AMELIORATION DU POINT D'ECOULEMENT DE CHARGES PARAFFINIQUES AVEC UN CATALYSEUR A BASE DE ZEOLITHE NU-86

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Application

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Abstract (en)

[origin: US5932088A] The invention concerns a process for improving the pour point of a feed comprising paraffins containing more than 10 carbon atoms, in which process the feed to be treated is brought into contact with a catalyst comprising NU-86 zeolite, preferably dealuminated, and at least one hydro-dehydrogenating element, at a temperature which is in the range 170 DEG C. to 500 DEG C., a pressure in the range 1 to 250 bar and an hourly space velocity in the range 0.05 to 100 h⁻¹, in the presence of hydrogen in a proportion of 50 to 2000 l/l of feed. The product from heavy feeds is fractionated to produce at least one cut including at least one middle distillate with a reduced pour point, and a residue including oil bases with a reduced pour point and a high viscosity index.

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