

Title (en)
OIL REACTOR VACUUM PUMP HAVING HYDRAULIC GASKET FOR CATALYTIC OILING REACTIONS FROM PREVIOUSLY CONDITIONED SLURRY-LIKE RESIDUES AND METHOD THEREFOR

Title (de)
ÖLREAKTORVAKUUMPUMPE MIT HYDRAULISCHER DICHTUNG FÜR KATALYTISCHE VERÖLUNGSREAKTIONEN AUS VORAB AUFBEREITETEN, BREIARTIGEN RESTSTOFFEN UND EIN VERFAHREN DAZU

Title (fr)
POMPE À VIDE DE RÉACTEUR À HUILE À ÉTANCHÉITÉ HYDRAULIQUE POUR DES RÉACTIONS CATALYTIQUES DE TRANSFORMATION EN HUILE À PARTIR DE RÉSIDUS PÂTEUX TRAITÉS AU PRÉALABLE, ET PROCÉDÉ CORRESPONDANT

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Abstract (en)
[origin: WO2010063248A2] The invention describes a method and an apparatus for the diffusion-catalytic conversion of hydrocarbon-containing residues in two stages, in a first stage at 120-200°C, heated by the waste heat of the power generator in order to convert the solid input materials into a reaction slurry and, in a second stage, to convert them into a middle distillate by way of a conversion using one or more oil reaction vacuum pumps, which are coated on the inside and equipped with a hydraulic gasket.

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