

Title (en)

PROCESS AND APPARATUS FOR COOLING LIQUID BOTTOMS FROM VAPOR-LIQUID SEPARATOR BY HEAT EXCHANGE WITH FEEDSTOCK DURING STEAM CRACKING OF HYDROCARBON FEEDSTOCKS

Title (de)

VERFAHREN UND VORRICHTUNG ZUM ABKÜHLEN VON FLÜSSIGEM SUMPFPRODUKT AUS EINEM DAMPF-FLÜSSIGKEIT-SEPARATOR DURCH WÄRMEAUSTAUSCH MIT EINSATZSTOFF BEIM STEAMCRACKEN VON KOHLENWASSERSTOFF-EINSATZSTOFFEN

Title (fr)

PROCESSUS ET APPAREIL DESTINÉS À REFRROIDIR DES FONDS LIQUIDES D UN SÉPARATEUR VAPEUR-LIQUIDE PAR ÉCHANGE DE CHALEUR AVEC LA CHARGE D ALIMENTATION PENDANT LE CRAQUAGE À LA VAPEUR DE CHARGES D ALIMENTATION D HYDROCARBURES

Publication

EP 2300564 A1 20110330 (EN)

Application

EP 09763065 A 20090414

Priority

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- US 13650208 A 20080610

Abstract (en)

[origin: US2009301935A1] A process and apparatus for cracking liquid hydrocarbon feedstocks utilizes a vapor-liquid separator to treat heated vapor-liquid mixtures to provide an overhead of reduced residue content. Hot liquid bottoms from the separator are heat exchanged with cool hydrocarbon feedstocks for cracking to provide cooled liquid bottoms and preheated feedstock. At least a portion of the preheated feedstock is directed to a convection section of a pyrolysis furnace for additional heating and subsequent cracking.

IPC 8 full level

C10G 9/20 (2006.01)

CPC (source: EP US)

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Citation (search report)

See references of WO 2009151773A1

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Designated extension state (EPC)

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