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(54) Title: PROCESS TO UPGRADE PARTIALLY CONVERTED VACUUM RESIDUA

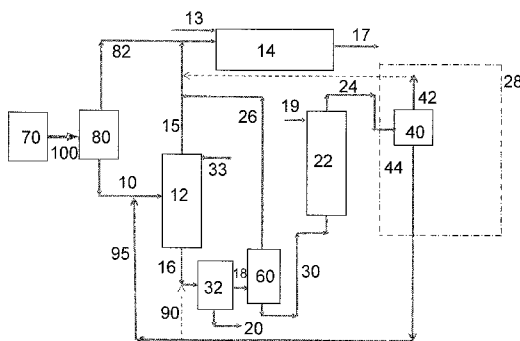


Figure 2

(57) Abstract: Processes for upgrading partially converted vacuum residua hydrocarbon feeds are disclosed. The upgrading processes may include: steam stripping the partially converted vacuum residua to generate a first distillate and a first residuum; solvent deasphalting the first residuum stream to generate a deasphalted oil and an asphaltenes fraction; vacuum fractionating the deasphalted oil to recover a deasphalted gas oil distillate and a heavy deasphalted residuum; contacting the first distillate and the deasphalted gas oil distillate and hydrogen in the presence of a first hydroconversion catalyst to produce a product; contacting the heavy deasphalted residuum stream and hydrogen in the presence of a second hydroconversion catalyst to produce an effluent; and fractionating the effluent to recover a hydrocracked atmospheric residua and a hydrocracked atmospheric distillate.