

ABSTRACT

REDUCING PRESSURE DROP BUILDUP IN BIO-OIL HYDROPROCESSING REACTORS

A method is provided involving reducing a pressure drop across a hydroprocessing reactor having a reactor feed and producing a hydroprocessing product, where the reactor feed includes a bio-oil feed and a hydrocarbon diluent; and the step of reducing the pressure drop comprises stopping or substantially reducing the bio-oil feed supplied to the reactor and supplying the hydrocarbon diluent to the reactor with a mass flux of at least about 1,000 lb/hr/ft².

Figure 1