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(54) Title: PROCESS FOR TREATING A HYDROCARBON-CONTAINING FEED

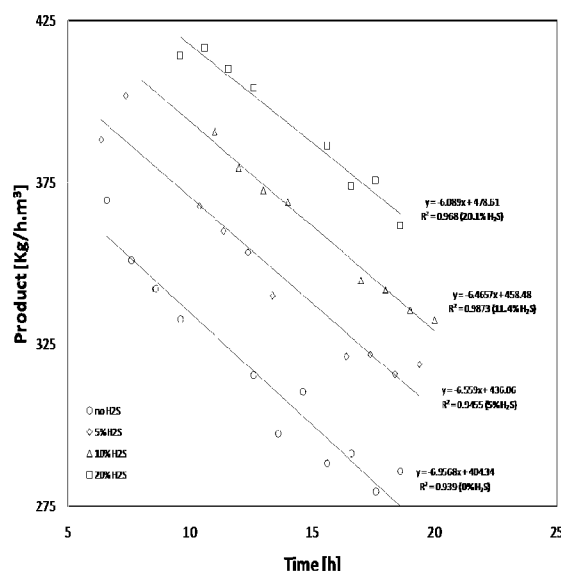


FIG. 3

(57) Abstract: A process for treating a hydrocarbon-con-
taining feedstock is provided in which a hydrocarbon-con-
taining feed comprising at least 20 wt.% of heavy hydro-
carbons is mixed with hydrogen and at least one catalyst
to produce a hydrocarbon-containing product. The hydro-
carbon-containing feedstock, the catalyst(s), and the hy-
drogen are provided to a mixing zone and blended in the
mixing zone at a temperature of from 375°C to 500°C. A
vapor comprised of hydrocarbons that are vaporizable at
the temperature and pressure within the mixing zone is
separated from the mixing zone, and, apart from the mix-
ing zone, the vapor is condensed to produce a liquid hy-
drocarbon-containing product. The hydrocarbon-contain-
ing feedstock is continuously or intermittently provided to
the mixing zone at a rate of at least 350 kg/hr per m³ of
the mixture volume in the mixing zone.



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