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(71) Applicant (for SM only): SHELL OIL COMPANY
[US/US]; One Shell Plaza, P.O. Box 2463, Houston, Texas
77252-2463 (US).

(71) Applicant (for all designated States except US): SHELL
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B.V. [NL/NL]; Carel van Bylandtlaan 30, NL-2596 The
Hague (NL).

(72) Inventors; and

(75) Inventors/Applicants (for US only): MILAM, Stanley
Nemec [US/US]; 1622 Longacre Drive, Houston, Texas
77055 (US). REYNOLDS, Michael Anthony [US/US];
20410 Ivory Creek Lane, Katy, Texas 77450 (US). WEL-
LINGTON, Scott Lee [US/US]; 5109 Aspen Street, Bel-
laire, Texas 77401 (US). ENGWALL, Erik Edwin
[US/US]; 14211 Ella Lee Lane, Houston, Texas 77077
(US).

(74) Agent: TAYLOR, Richard B.; Shell Oil Company, One
Shell Plaza, P.O. Box 2463, Houston, Texas 77252-2463
(US).

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

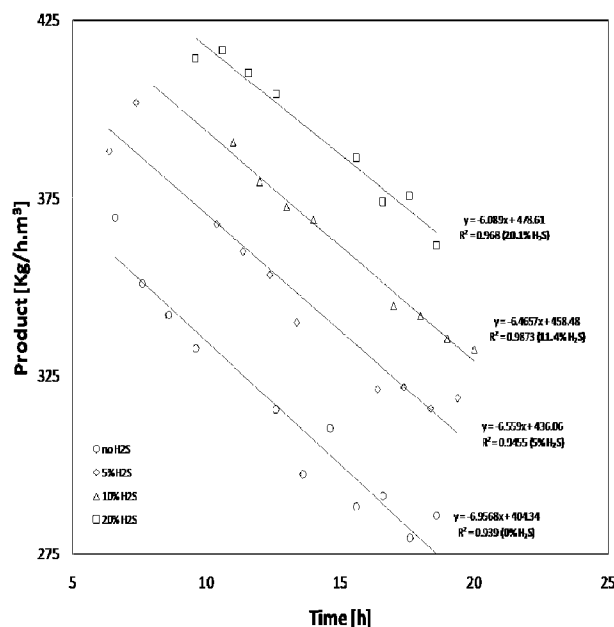


FIG. 3

(57) Abstract: A process for treating a hydrocarbon-contain-
ing feedstock is provided in which a hydrocarbon-containing
feed comprising at least 20 wt.% of heavy hydrocarbons is
mixed with hydrogen and at least one catalyst to produce a
hydrocarbon-containing product. The hydrocarbon-contain-
ing feedstock, the catalyst(s), and the hydrogen are provided
to a mixing zone and blended in the mixing zone at a temper-
ature of from 375°C to 500°C. A vapor comprised of hydro-
carbons that are vaporizable at the temperature and pressure
within the mixing zone is separated from the mixing zone,
and, apart from the mixing zone, the vapor is condensed to
produce a liquid hydrocarbon-containing product. The hy-
drocarbon-containing feedstock is continuously or intermit-
tently 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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