

**CONTINUOUS PROCESS FOR CONVERTING
NATURAL GAS TO LIQUID HYDROCARBONS**

ABSTRACT

5 A method comprising: providing a first halogen stream; providing a first alkane stream;
reacting at least a portion of the first halogen stream with at least a portion of the first alkane stream in
a first reaction vessel to form a first halogenated stream; providing a second alkane stream comprising
C₂ and higher hydrocarbons; providing a second halogen stream; and reacting at least a portion of the
second halogen stream with at least a portion of the second alkane stream in a second reaction vessel
10 to form a second halogenated stream.

(FIG. 1)