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(54) Title: INTEGRATED PROCESS FOR THE GASIFICATION OF WHOLE CRUDE OIL IN A MEMBRANE WALL GASIFI-
ER AND POWER GENERATION

(57) Abstract: An integrated process for the partial oxidation of whole crude oil mixed with a low cost finely divided solid ash-pro-
ducing material in a membrane wall gasification reactor produces a syngas and, optionally, a more hydrogen-rich product stream by
subjecting the syngas to a water-gas shift reaction. Process steam and electricity are produced by recovering the sensible heat values
from the hot syngas.



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