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(54) Title: N-PARAFFIN SELECTIVE HYDROCONVERSION PROCESS USING BOROSILICATE ZSM-48 MOLECULAR SIEVES

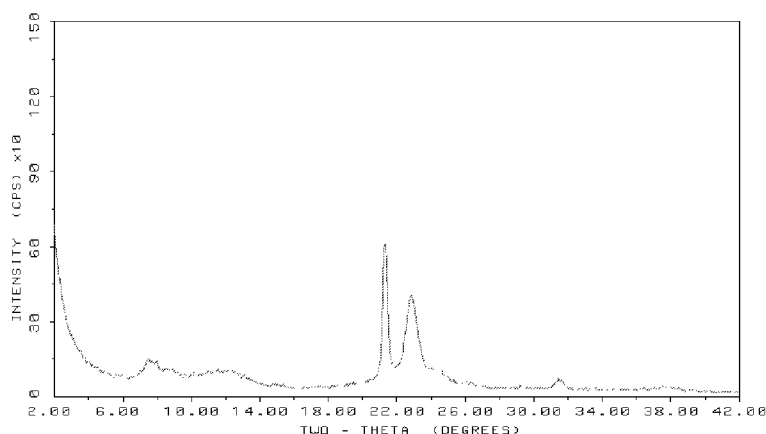


FIG. 1

(57) Abstract: The present invention is directed to processes using a borosili-
cate ZSM-48 as a catalyst for the selec-
tive hydroconversion of heavy normal
paraffins into lighter normal paraffin
products, with minimal formation of
isoparaffins. The borosilicate ZSM-48
molecular sieve has a mole ratio of be-
tween 40 and 400 of silicon oxide to
boron oxide, synthesized using novel
structure directing agents.



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