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Declarations under Rule 4.17:

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 a patent (Rule 4.17(ii))
- as to the applicant's entitlement to claim the priority of
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[Continued on next page]

(54) Title: CATALYTIC PROCESSES AND SYSTEMS FOR BASE OIL PRODUCTION USING ZEOLITE SSZ-32x

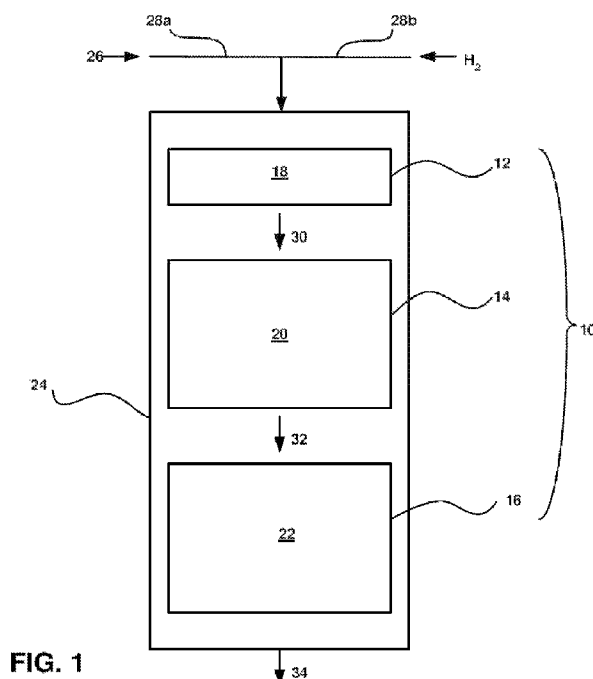


FIG. 1

(57) **Abstract:** Processes and catalyst systems are provided for dewaxing a hydrocarbon feedstock to form a lubricant base oil. A layered catalyst system of the present invention may comprise a first hydroisomerization dewaxing catalyst disposed upstream from a second hydroisomerization dewaxing catalyst. Each of the first and second hydroisomerization dewaxing catalysts may be selective for the isomerization of n-paraffins. The first hydroisomerization catalyst may have a higher level of selectivity for the isomerization of n-paraffins than the second hydroisomerization dewaxing catalyst. At least one of the first and second hydroisomerization dewaxing catalysts comprises small crystallite zeolite SSZ-32x.

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