

PROCESS FOR PRODUCING RENEWABLE MONO-METHYL ALKYL BENZENE PRODUCTS

ABSTRACT

Processes for producing mono-methyl alkylbenzenes from natural oils are described. The processes includes a linear selective cracking process to crack C14+ chains into C9 to C14 chains which are useful for making linear alkylbenzene for use in detergents and a hydroisomerization step to produce paraffins with mono-methyl branching which can be reacted with benzene to form the mono-methyl alkyl benzenes.

[Figure 1]

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