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(54) Title: ALKYLATION OF OLEFINS WITH ISOPARAFFINS IN IONIC LIQUID TO MAKE LUBRICANT OR FUEL
BLENDSTOCK

(57) Abstract: A process and method for making a superior lubricant or distillate fuel component by the alkylation of C₅+ olefins
with isoparaaffins to produce a "capped" (alkylated) olefin using an acidic chloroaluminate ionic liquid catalyst system. Preferably
the catalyst system includes a Brönsted acid.



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