



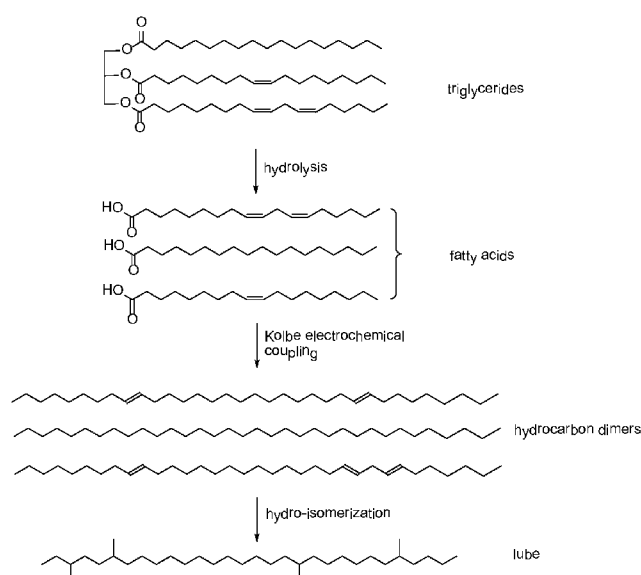
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(54) **Title:** ELECTROCHEMICAL SYNTHESIS TO PRODUCE LUBE STOCK FROM RENEWABLE FEEDS**FIG. 1**

(57) **Abstract:** Provided are processes for producing a lube basestock or wax from a feedstock of biological origin, the method including: providing a fatty acid originated from the feedstock of biological origin and an aromatic acid in a solvent comprising a base; and electrically coupling the fatty acid and the aromatic acid to produce a hydrocarbon, wherein the molar concentration of the fatty acid is greater than the molar concentration of the aromatic acid.