

A METHOD FOR PRODUCING BIODIESEL

Abstract

This invention relates to a method for producing biodiesel using air bubbling and adding an alcohol/catalyst mix at a controlled rate to an oil source to increase the production rate of the biodiesel. The method comprises feeding an oil source into a reaction tank, subjecting the oil source to heat, introducing air bubbles into the reaction tank at a predetermined rate, introducing an alcohol/catalyst mix into the reaction tank at a predetermined rate to form a reaction mixture, permitting the reaction mixture to separate into an upper phase of biodiesel and a lower phase comprised of glycerol and recovering the biodiesel from the reaction tank.

Fig. 2