

عنوان مقاله:

Novel Modeling Techniques for Monitoring Biodiesel Production Processes

محل انتشار:

اولین کنفرانس رویکردهای نوین در نگهداشت انرژی (سال: 1390)

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خلاصه مقاله:

Biodiesel has been a matter of importance in recent years. Environmental challenges have been key factors to justify the necessity of a renewable clean fuel. On the other hand, the production and utilization of biodiesel in a proper state is of concern regarding the numerous plants and industries engaged with the biodiesel. Economical production of biodiesel requires uncovering the process and optimization of the parameters. New methodologies have emerged to satisfy this purpose. In this paper, several features related to the industrial production of biodiesel are discussed. However, modern trends to model the process together with their scope and range of application have been detailed

کلمات کلیدی:

biodiesel, optimization, modelling, artificial neural networks

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