

Review

Computational Fluid Dynamics (CFD) Studies on Biomass Thermochemical Conversion

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Received: / Accepted: /Published:

Thermochemical conversion of biomass makes it possible to prepare fuel and chemicals from biomass economically. The design and optimal operation of the thermochemical reactors require an understanding the dynamic process inside the reactors. Computational fluid dynamic (CFD) modelling provides a chance to obtain those information, and provide new chance to improving the design and operation of the reactors. Here, a review on the CFD studies on the biomass thermochemical conversion is given.
