

Wood biomass pyrolysis products compound dependence from heat influence conditions

© **Geny V. Kuznetsov,^{1*+}** and **Meytry Polsongram**

*National Research Tomsk Polytechnic University. Institute of Power Engineering.
Thermology and Heat-Process Engineering. Prospekt Lenina St., 30. Tomsk, 634050. Russia.
Phone: +7 (3822) 56-36-13. E-mail: marisha@tpu.ru*

*Supervising author; +Corresponding author

Keywords: *biomass, pyrolysis, thermic influence, reactor, pyrolysis products.*

Abstract

Four kinds of wood biomass (lime, acacia, eucalypt, pine) thermic distraction processes experimental investigation results are presented. This materials were selected as examples of renewed energy source, typical raw materials and were heated in special reactor. The aim of investigation – researching of temperature influence on pyrolysis (gas, solid u liquid) products producing process.