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(54) Title: LACCASES AND USES THEREOF

(57) Abstract: The present invention relates to novel enzymes and the uses thereof. The invention also relates to methods of producing such enzymes, coding nucleic acid molecules, recombinant cells and methods of modifying biomass from such materials. The invention is particularly suited to degrade biomass and/or to improve biomass degradation. The invention also relates to various applications of the enzymes of the invention for the production of bioenergy (such as bioethanol), as well as in the field of chemistry, paper industry, textile industry and beverage industry.



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