

Title (en)

FERMENTATION OF GLUCOSE AND XYLOSE IN CELLULOSIC BIOMASS USING GENETICALLY MODIFIED SACCHAROMYCES CEREVISIAE AND A SIMULTANEOUS SACCHARIFICATION AND CO-FERMENTATION PROCESS

Title (de)

VERGÄRUNG VON GLUCOSE UND XYLOSE IN ZELLULOSEBIOMASSE UNTER VERWENDUNG GENTECHNISCH VERÄNDERTER SACCHAROMYCES CEREVISIAE UND GLEICHZEITIGER VERZUCKERUNGS- UND KOVERGÄRUNGSPROZESS

Title (fr)

FERMENTATION DU GLUCOSE ET DU XYLOSE DANS UNE BIOMASSE CELLULOSIQUE EN UTILISANT SACCHAROMYCES CEREVISIAE GENETIQUEMENT MODIFIEE ET TRAITEMENT SIMULTANE DE SACCHARIFICATION ET DE CO-FERMENTATION

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Application

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Abstract (en)

[origin: WO2006115455A1] The present invention relates to a method for the manufacture of ethanol by fermenting a cellulose containing biomass using a strain of *Saccharomyces cerevisiae*, wherein the method encompasses a) using a strain of *Saccharomyces cerevisiae* being capable of fermenting pentoses, including xylose, to ethanol, b) subjecting a slurry of biomass and said *Saccharomyces cerevisiae* strain for a simultaneous saccharification and co-fermentation of glucose and xylose, and c) isolating ethanol from the fermented slurry obtained.

IPC 8 full level

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