

Title (en)  
YEAST ORGANISMS FOR THE PRODUCTION OF ISOBUTANOL

Title (de)  
HEFEORGANISMEN ZUR HERSTELLUNG VON ISOBUTANOL

Title (fr)  
ORGANISMES DE LEVURE POUR LA PRODUCTION D'ISOBUTANOL

Publication  
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Application  
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Abstract (en)  
[origin: WO2010151525A1] The present invention provides recombinant microorganisms comprising an isobutanol producing metabolic pathway and methods of using said recombinant microorganisms to produce isobutanol. In various aspects of the invention, the recombinant microorganisms may comprise a modification resulting in the reduction of pyruvate decarboxylase and/or glycerol-3-phosphate dehydrogenase activity. In various embodiments described herein, the recombinant microorganisms may be microorganisms of the *Saccharomyces* clade, Crabtree-negative yeast microorganisms, Crabtree-positive yeast microorganisms, post-WGD (whole genome duplication) yeast microorganisms, pre-WGD (whole genome duplication) yeast microorganisms, and non-fermenting yeast microorganisms.

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CPC (source: EP)  
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Citation (search report)  
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• See references of WO 2010151525A1

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