Title (en)

MATERIALLY AND ENERGETICALLY OPTIMIZED BIOETHANOL PRODUCTION PROCESS

Title (de)

STOFFLICH UND ENERGETISCH OPTIMIERTER BIOETHANOLHERSTELLUNGSPROZESS

Title (fr)

PROCÉDÉ DE PRODUCTION DE BIOÉTHANOL OPTIMISÉ MATÉRIELLEMENT ET ÉNERGÉTIQUEMENT

Publication

EP 2240592 A2 20101020 (DE)

Application

EP 09701508 A 20090119

Priority

- EP 2009050537 W 20090119
- DE 102008004971 A 20080117

Abstract (en)

[origin: WO2009090260A2] The invention relates to an improved relatively economical process and a corresponding device for producing bioethanol from cereal and lignocellulose-containing biomasses in which a production line for cereal and a production line, operated simultaneously, for lignocellulose are operated as far as the saccharification stage and a specific fermentation, depending on the biomass used, and then the material streams are fed to a combined distillation and dewatering stage.

IPC 8 full level

C12P 7/14 (2006.01)

CPC (source: EP)

C12M 21/04 (2013.01); **C12M 21/12** (2013.01); **C12M 43/02** (2013.01); **C12M 47/14** (2013.01); **C12P 5/023** (2013.01); **C12P 7/06** (2013.01); **C12P 7/10** (2013.01); Y02E 50/10 (2013.01); Y02E 50/30 (2013.01)

Citation (search report)

See references of WO 2009090260A2

Citation (examination)

TAYLOR FRANK ET AL: "Kinetics of continuous fermentation and stripping of ethanol", BIOTECHNOLOGY LETTERS, vol. 20, no. 1, January 1998 (1998-01-01), pages 67 - 72, ISSN: 0141-5492

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DOCDB simple family (publication)

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