

Title (en)

METHODS AND SYSTEMS FOR PRODUCING ETHANOL USING RAW STARCH AND FRACTIONATION

Title (de)

VERFAHREN UND EINRICHTUNGEN ZUR PRODUKTION VON ETHANOL AUS STÄRKE UND FRAKTIONIERUNG

Title (fr)

PROCEDES ET SYSTEMES SERVANT A PRODUIRE DE L'ETHANOL AU MOYEN D'AMIDON BRUT ET D'UN FRACTIONNEMENT

Publication

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Application

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- US 55210804 P 20040310
- US 61491604 P 20040930
- US 61515504 P 20041001

Abstract (en)

[origin: WO2005087937A2] The present invention relates to methods for producing high levels of alcohol during fermentation of plant material, and to the high alcohol beer produced. The method can include adding substrate continuously or clarifying continuously. The present invention also relates to methods for producing high protein distiller's dried grain from fermentation of plant material, and to the high protein distiller's dried grain produced. The present invention further relates to reduced stack emissions from drying distillation products from the production of ethanol.

IPC 8 full level

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CPC (source: EP)

**C12P 7/06** (2013.01); **Y02E 50/10** (2013.01)

Citation (search report)

See references of WO 2005087938A2

Citation (examination)

- US 2003180415 A1 20030925 - STIEFEL MICHAEL J [US], et al
- US 2003232109 A1 20031218 - DAWLEY LARRY J [US], et al

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