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Record 1 of 1**Patent Number(s):** US2010162442-A1**Title:** New transgenic plant e.g. sugarcane plant useful for producing ethanol, comprises recombinant expression vector containing polynucleotide**Inventor Name(s):** BUCKERIDGE M; DE MARIA F J; MARQUES J O; PAPINI-TERZI F S; PEREIRA D S A; ROCHA F R; SOUZA G M; TEIXEIRA M M; ULIAN E C; VENCIO R Z N; WACLAWOVSKY A J**Patent Assignee(s):** CENT ALCOOL LUCELIA LTDA (ALCO-Non-standard); FAPESP FUNDACAO AMPARO A PESQUISA ESTADO (FAPE-Non-standard); UNIV SAO PAULO USP (UYSA-Non-standard); UNIV ESTADUAL COMPINAS UNICAMP (UYES-Non-standard); CENT TECHNOLOGIA CANAVIEIRA (TECH-Non-standard)**Derwent Primary Accession No.:** 2010-H36216**Abstract:** NOVELTY - A transgenic plant comprising recombinant expression vector containing polynucleotide, where the polynucleotide comprises a nucleotide sequence of SEQ ID NO: 161 available in electronic form from the USPTO web site (<http://seqdata.uspto.gov/pageRequest=docDetail&DocID=US20100162442A1>) or its complementary sequence, is new.

USE - The transgenic plant e.g. sugarcane plant is useful for producing ethanol which is useful as biofuel.

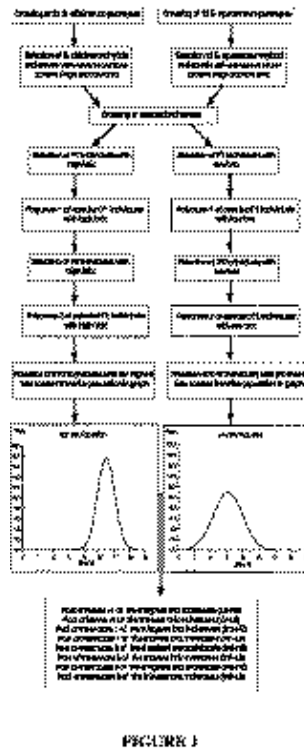
ADVANTAGE - The transgenic plant with increased sucrose content produces ethanol at high yield.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is included for seed, seed-cane or sets of the transgenic plant, which comprises vector.

Technology Focus/Extension Abstract: TECHNOLOGY FOCUS - BIOTECHNOLOGY - Preparation: No preparation method given.

EXAMPLE - No suitable example given.

Drawing:



Derwent Class Code(s): C06 (Biotechnology, plant genetics, veterinary vaccines); D16 (Fermentation industry); P13 (Plant culture, dairy products); T01 (Digital Computers)

Derwent Manual Code(s): C04-A08C2E; C04-A09F0E; C04-E99; D05-H16B; T01-N01D2

IPC: A01H-005/00

Patent Details:

Patent Number	Publ. Date	Main IPC	Week	Page Count	Language
US2010162442-A1	24 Jun 2010	A01H-005/00	201043	Pages: 70	English

Application Details and Date:

US2010162442-A1	US713112	25 Feb 2010
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Further Application Details:

US2010162442-A1	Provisional	Application	US780693P
US2010162442-A1	Provisional	Application	US861496P
US2010162442-A1	Div ex	Application	US716262

Priority Application Information and Date:

US716262	08 Mar 2007
US713112	25 Feb 2010

Compound(s):

DCR Number	Role
200757-0-0-0	N

Derwent Compound Number(s):

Compound Number	Role
RA00GT	N

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