

Title (en)

MODIFIED YEAST COMPRISING GLUCOSE-SPECIFIC, ATP-MEDIATED TRANSPORTERS

Title (de)

MODIFIZIERTE HEFE MIT GLUCOSESPEZIFISCHEN, ATP-VERMITTELTEN TRANSPORTERN

Title (fr)

LEVURE MODIFIÉE COMPRENANT DES TRANSPORTEURS À MÉDIATION PAR L'ATP SPÉCIFIQUES DU GLUCOSE

Publication

**EP 3676288 A1 20200708 (EN)**

Application

**EP 18773300 A 20180821**

Priority

- US 201762551678 P 20170829
- US 2018047259 W 20180821

Abstract (en)

[origin: WO2019046043A1] Described are compositions and methods relating to modified yeast expressing exogenous, or increased amounts, of glucose-specific, ATP-mediated transporters. The modified yeast produces an increased amount of ethanol compared to parental cells. Such yeast is particularly useful for large-scale ethanol production from starch substrates.

IPC 8 full level

**C07K 14/415** (2006.01); **C12P 7/06** (2006.01)

CPC (source: EP)

**C07K 14/415** (2013.01); **C12P 7/06** (2013.01); **Y02E 50/10** (2013.01)

Citation (search report)

See references of WO 2019046043A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

**WO 2019046043 A1 20190307**; AR 113105 A1 20200129; BR 112020004021 A2 20200908; CA 3073387 A1 20190307; CN 111065648 A 20200424; EP 3676288 A1 20200708; UY 37859 A 20190329

DOCDB simple family (application)

**US 2018047259 W 20180821**; AR P180102448 A 20180829; BR 112020004021 A 20180821; CA 3073387 A 20180821; CN 201880055076 A 20180821; EP 18773300 A 20180821; UY 37859 A 20180828