

Title (en)

ALTERATION AND MODULATION OF PROTEIN ACTIVITY BY VARYING POST-TRANSLATIONAL MODIFICATION

Title (de)

ÄNDERUNG UND MODULATION EINER PROTEINAKTIVITÄT DURCH VERSCHIEDENE MODIFIKATIONEN NACH DER TRANSLATION

Title (fr)

ALTÉRATION ET MODULATION DE L'ACTIVITÉ PROTÉIQUE EN FAISANT VARIER LA MODIFICATION POST-TRADUCTIONNELLE

Publication

**EP 2401289 A1 20120104 (EN)**

Application

**EP 10746882 A 20100226**

Priority

- US 2010025521 W 20100226
- US 65599310 A 20100112
- US 38045009 A 20090226
- US 2009035307 W 20090226

Abstract (en)

[origin: WO2010099394A1] Embodiments of the invention include methods of altering the enzymatic activity or solubility of an extremophilic enzyme or post-translationally modifying a protein of interest via using isolated or partially purified glycosyltransferases and/or post-translational modification proteins, extracts of cells comprising glycosyltransferases and/or post-translational modification proteins, and/or in cells comprising one or more glycosyltransferases and/or post-translational modification proteins.

IPC 8 full level

**C07K 14/195** (2006.01); **C12P 21/02** (2006.01)

CPC (source: EP)

**C07K 14/195** (2013.01); **C12N 9/1048** (2013.01); **C12N 9/2437** (2013.01); **C12N 9/248** (2013.01); **C12P 21/005** (2013.01)

Designated contracting state (EPC)

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 SE SI SK SM TR

Designated extension state (EPC)

AL BA RS

DOCDB simple family (publication)

**WO 2010099394 A1 20100902; WO 2010099394 A9 20111013;** AU 2010217847 A1 20111027; BR PI1008486 A2 20180116;  
CA 2752175 A1 20100902; CN 102317309 A 20120111; EP 2401289 A1 20120104; EP 2401289 A4 20121003

DOCDB simple family (application)

**US 2010025521 W 20100226;** AU 2010217847 A 20100226; BR PI1008486 A 20100226; CA 2752175 A 20100226;  
CN 201080008795 A 20100226; EP 10746882 A 20100226