

Title (en)

POLYPEPTIDES HAVING XYLANASE ACTIVITY AND POLYNUCLEOTIDES ENCODING SAME

Title (de)

POLYPEPTIDE MIT XYLANASEAKTIVITÄT UND DAFÜR KODIERENDE POLYNUKLEOTIDE

Title (fr)

POLYPEPTIDES AYANT UNE ACTIVITÉ XYLANASE ET POLYNUCLÉOTIDES CODANT POUR CEUX-CI

Publication

**EP 2776561 A4 20150902 (EN)**

Application

**EP 12847007 A 20121109**

Priority

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- CN 2012084392 W 20121109

Abstract (en)

[origin: WO2013067964A1] Provided are isolated polypeptides having xylanase activity, catalytic domains and cellulose binding domains, and polynucleotides encoding the polypeptides, catalytic domains or cellulose binding domains. Also provided are nucleic acid constructs, vectors and host cells comprising the polynucleotides as well as methods of producing and using the polypeptides, catalytic domains or cellulose binding domains.

IPC 8 full level

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Citation (search report)

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- [A] WO 2011000949 A1 20110106 - DSM IP ASSETS BV [NL], et al
- [Y] WO 2007091231 A1 20070816 - NAT UNIV IRELAND [IE], et al
- [XP] CN 102763771 A 20121107 - NINGXIA EPPEN BIOTECH CO LTD
- [YD] WO 2011038019 A2 20110331 - DANISCO US INC [US], et al
- [Y] WO 2011079048 A2 20110630 - DANISCO US INC [US], et al
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- [Y] ELAINE O'CONNELL ET AL: "Purification of exo-1,3-beta-glucanase, a new extracellular glucanolytic enzyme from", APPLIED MICROBIOLOGY AND BIOTECHNOLOGY, SPRINGER, BERLIN, DE, vol. 89, no. 3, 30 September 2010 (2010-09-30), pages 685 - 696, XP019874923, ISSN: 1432-0614, DOI: 10.1007/S00253-010-2883-X
- [Y] I. G. MAISURADZE ET AL: "Multigene families of endo-(1-4)-[beta]-xylanases of *Penicillium canescens*", RUSSIAN JOURNAL OF GENETICS, vol. 47, no. 2, 1 February 2011 (2011-02-01), pages 153 - 161, XP055042592, ISSN: 1022-7954, DOI: 10.1134/S1022795411020128
- See references of WO 2013067964A1

Designated contracting state (EPC)

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