



(51) International Patent Classification:
C12P 7/06 (2006.01)

(21) International Application Number:
PCT/EP2011/069669

(22) International Filing Date:
8 November 2011 (08.11.2011)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
10306221.2 8 November 2010 (08.11.2010) EP
61/411,167 8 November 2010 (08.11.2010) US

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(81) Designated States (unless otherwise indicated, for every
kind of national protection available): AE, AG, AL, AM,
AO, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ,
CA, CH, CL, CN, CO, CR, CU, CZ, DE, DK, DM, DO,
DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT,
HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP,
KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD,
ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI,
NO, NZ, OM, PE, PG, PH, PL, PT, QA, RO, RS, RU,
RW, SC, SD, SE, SG, SK, SL, SM, ST, SV, SY, TH, TJ,
TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA,
ZM, ZW.

(84) Designated States (unless otherwise indicated, for every
kind of regional protection available): ARIPO (BW, GH,
GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, SZ, TZ,
UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD,
RU, TJ, TM), European (AL, AT, BE, BG, CH, CY, CZ,
DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT,
LT, LU, LV, MC, MK, MT, NL, NO, PL, PT, RO, RS,
SE, SI, SK, SM, TR), OAPI (BF, BJ, CF, CG, CI, CM,
GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

- without international search report and to be republished
upon receipt of that report (Rule 48.2(g))
- with sequence listing part of description (Rule 5.2(a))

(54) Title: ENZYMES AND USES THEREOF

(57) Abstract: The present invention relates to novel enzymes and the uses thereof. The invention also relates to methods of producing such enzymes, coding nucleic acid molecules, recombinant cells and methods of transforming biomass from such materials. The invention is particularly suited to degrade biomass and/or to improve biomass degradation, and to produce bioenergy products or recombinant proteins. This invention also relates to various applications of the enzymes in the field of paper industry, textile industry as well as in the chemical and medical fields.

