

PCT

WORLD INTELLECTUAL PROPERTY ORGANIZATION
International Bureau



17 mp copy

INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification ⁶ : C12N 15/55, 9/24, A23K 1/165, A21D 8/04, D21C 3/00 // (C12N 15/55, C12R 1:66)	A2	(11) International Publication Number: WO 96/06935 (43) International Publication Date: 7 March 1996 (07.03.96)
(21) International Application Number: PCT/EP95/03395 (22) International Filing Date: 28 August 1995 (28.08.95) (30) Priority Data: 94202442.3 26 August 1994 (26.08.94) EP (34) Countries for which the regional or international application was filed: NL et al. (71) Applicant (for all designated States except US): GIST-BROCADES B.V. [NL/NL]; Wateringseweg 1, P.O. Box 1, NL-2600 MA Delft (NL). (72) Inventors; and (75) Inventors/Applicants (for US only): VAN DER WOUW, Monique, Josina, Andrea [NL/NL]; Afrikalaan 2, NL-2622 DH Delft (NL). VAN OOIJEN, Albert, Johannes, Joseph [NL/NL]; Overburgkade 78, NL-2275 XX Voorburg (NL). GIELKENS, Marcus, Matheus, Catharina [NL/NL]; Rijnsteeg 8-6 c, NL-6708 PP Wageningen (NL). DE GRAAFF, Leendert, Hendrik [NL/NL]; Cornelis Koningstraat 8, NL-6862 CK Oosterbeek (NL). VISSER, Jacob [NL/NL]; Hinkeloordseweg 5, NL-6703 CK Wageningen (NL).		(74) Agents: VISSER-LUIRINK, Gesina et al.; Gist-Brocades N.V., Patents and Trademarks Dept., Wateringseweg 1, P.O. Box 1, NL-2600 MA Delft (NL). (81) Designated States: AM, AT, AU, BB, BG, BR, BY, CA, CH, CN, CZ, DE, DK, EE, ES, FI, GB, GE, HU, IS, JP, KE, KG, KP, KR, KZ, LK, LR, LT, LU, LV, MD, MG, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, TJ, TM, TT, UA, UG, US, UZ, VN, European patent (AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG), ARIPO patent (KE, MW, SD, SZ, UG). Published <i>Without international search report and to be republished upon receipt of that report.</i> SL 9610690-1
(54) Title: ARABINOXYLAN DEGRADING ENZYMES (57) Abstract Methods and expression constructs are provided for the cloning and overexpression of an arabinoxylan degrading enzyme of fungal origin in a selected microbial host cell. The enzyme is shown to be active in the degradation of water-insoluble solids obtained from maize. The enzyme can be used in the preparation of animal feed compositions, human food or in industrial processes.		

FOR THE PURPOSES OF INFORMATION ONLY

Codes used to identify States party to the PCT on the front pages of pamphlets publishing international applications under the PCT.

AT	Austria	GB	United Kingdom	MR	Mauritania
AU	Australia	GE	Georgia	MW	Malawi
BB	Barbados	GN	Guinea	NE	Niger
BE	Belgium	GR	Greece	NL	Netherlands
BF	Burkina Faso	HU	Hungary	NO	Norway
BG	Bulgaria	IE	Ireland	NZ	New Zealand
BJ	Benin	IT	Italy	PL	Poland
BR	Brazil	JP	Japan	PT	Portugal
BY	Belarus	KE	Kenya	RO	Romania
CA	Canada	KG	Kyrgyzstan	RU	Russian Federation
CF	Central African Republic	KP	Democratic People's Republic of Korea	SD	Sudan
CG	Congo	KR	Republic of Korea	SE	Sweden
CH	Switzerland	KZ	Kazakhstan	SI	Slovenia
CI	Côte d'Ivoire	LI	Liechtenstein	SK	Slovakia
CM	Cameroon	LK	Sri Lanka	SN	Senegal
CN	China	LU	Luxembourg	TD	Chad
CS	Czechoslovakia	LV	Latvia	TG	Togo
CZ	Czech Republic	MC	Monaco	TJ	Tajikistan
DE	Germany	MD	Republic of Moldova	TT	Trinidad and Tobago
DK	Denmark	MG	Madagascar	UA	Ukraine
ES	Spain	ML	Mali	US	United States of America
FI	Finland	MN	Mongolia	UZ	Uzbekistan
FR	France			VN	Viet Nam
GA	Gabon				