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<p>(21) International Application Number: PCT/EP98/03327</p> <p>(22) International Filing Date: 4 June 1998 (04.06.98)</p> <p>(30) Priority Data: 97201641.4 4 June 1997 (04.06.97) EP (34) Countries for which the regional or international application was filed: AT et al. 60/048,611 4 June 1997 (04.06.97) US</p> <p>(71) Applicant (for all designated States except US): GIST-BROCADES N.V. [NL/NL]; Wateringseweg 1, P.O. Box 1, NL-2600 MA Delft (NL).</p> <p>(72) Inventors; and (75) Inventors/Applicants (for US only): BARENDSE, Rudolf, Carolus, Maria [NL/NL]; Van Bossestraat 9, NL-2613 CM Delft (NL). MEESTERS, Gabriel, Marinus, Hen- ricus [NL/NL]; Hof van Saffier 9, NL-2614 TJ Delft (NL). HARZ, Hans-Peter [DE/DE]; Am Monschbusch 22, D-67373 Dubenhofen (DE).</p> <p>(74) Agent: WRIGHT, Simon, Mark; J.A. Kemp & Co., 14 South Square, Gray's Inn, London WC1R 5LX (GB).</p>	<p>(81) Designated States: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, GM, GW, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, 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).</p> <p>Published <i>With international search report.</i></p> <p>(88) Date of publication of the international search report: 4 March 1999 (04.03.99)</p>	
<p>(54) Title: CARBOHYDRATE-BASED ENZYME GRANULATES</p>		
<p>(57) Abstract</p> <p>A process for the preparation of an enzyme-containing granulate is disclosed where an aqueous enzyme-containing liquid is mixed with an edible carbohydrate-based solid carrier, such as starch, mechanically processed into granules, and subsequently dried. This enzyme granulate is suitable for the manufacture of animal feed compositions by mixing feed ingredients with the granulate, treating with steam and pelleting. The compositions show improved enzyme stability during the pelleting process.</p>		

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INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP 98/03327

A. CLASSIFICATION OF SUBJECT MATTER

IPC 6 A23K1/00 C11D3/386 //C12N9/98

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 6 C11D C12N A23K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 0 257 996 A (SUOMEN SOKERI OY) 2 March 1988 cited in the application see abstract see page 2, line 1 - line 6 see page 2, line 55 - page 3, line 47	1-10, 12-27
X	US 3 661 786 A (DESFORGES MALCOM) 9 May 1972	10,26,27
Y	see abstract see column 1, line 60 - column 2, line 30 see column 3, line 28 - column 4, line 6 see claims	1-9

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
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