



(12) **EUROPEAN PATENT SPECIFICATION**

- (45) Date of publication and mention of the grant of the patent:  
**22.03.2006 Bulletin 2006/12**
- (51) Int Cl.:  
**C12P 19/28<sup>(2006.01)</sup> C12P 1/00<sup>(2006.01)</sup>**  
**C12P 19/18<sup>(2006.01)</sup>**
- (21) Application number: **96900106.4**
- (86) International application number:  
**PCT/FI1996/000002**
- (22) Date of filing: **02.01.1996**
- (87) International publication number:  
**WO 1996/021038 (11.07.1996 Gazette 1996/31)**

(54) **METHODS OF MODIFYING CARBOHYDRATE MOIETIES**

METHODEN ZUR MODIFIKATION VON KOHLENHYDRATANTEILEN  
PROCEDES DE MODIFICATION DE FRACTIONS DE GLUCIDE

- |   |   |
|---|---|
| <p>(84) Designated Contracting States:<br/><b>AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE</b></p> <p>(30) Priority: <b>30.12.1994 US 366800</b></p> <p>(43) Date of publication of application:<br/><b>08.10.1997 Bulletin 1997/41</b></p> <p>(60) Divisional application:<br/><b>05111968.3</b></p> <p>(73) Proprietor: <b>AB Enzymes GmbH</b><br/><b>64293 Darmstadt (DE)</b></p> <p>(72) Inventors:<br/>• <b>MARAS, Marleen</b><br/><b>B-9050 Gentbrugge (BE)</b><br/>• <b>CONTRERAS, Roland</b><br/><b>B-9820 Merelbeke (BE)</b></p> | <p>(74) Representative: <b>Lönnqvist, Gunnel Solveig</b><br/><b>Kristina et al</b><br/><b>Borenius &amp; Co Oy Ab</b><br/><b>Tallberginkatu 2 A</b><br/><b>00180 Helsinki (FI)</b></p> <p>(56) References cited:<br/><b>US-A- 4 770 994 US-A- 5 272 066</b><br/><b>US-A- 5 324 663</b></p> <ul style="list-style-type: none"><li>• <b>LIEBIGS ANN., 1995, H. PAULSEN et al., "Synthese von Modifizierten Oligosacchariden der N-Glycoproteine Zur Untersuchung der Substratspezifitaet der N-Acetylglucosaminyltransferase I", pages 53-66.</b></li><li>• <b>EUR. J. BIOCHEM., vol. 249, no. 3, November 1997 (1997-11), pages 701-707,</b></li><li>• <b>FEBS LETTERS, vol. 452, 1999, pages 365-370,</b></li></ul> |
|---|---|

Remarks:

The file contains technical information submitted after the application was filed and not included in this specification