

Title (en)
METHOD FOR SYNTHESIZING OLIGOSACCHARIDES AND GLYCOSYLATION

Title (de)
VERFAHREN ZUR OLIGOSACCHARIDSYNTHESE ODER ZUR GLYKOSYLIERUNG UNTER VERWENDUNG VON GLYCOSYLTRANSFERASEN UND SACCHAROSE-ANALOGA

Title (fr)
PROCEDE DE SYNTHESE D'OLIGOSACCHARIDES ET DE GLYCOSYLATION

Publication
EP 1861503 A2 20071205 (DE)

Application
EP 06725216 A 20060322

Priority

- EP 2006060932 W 20060322
- EP 05102284 A 20050322
- EP 06725216 A 20060322

Abstract (en)
[origin: WO2006100253A2] The invention relates to an enzymatic method for synthesizing oligosaccharides, whereby one saccharide group of a sucrose analogue each is transferred onto an acceptor molecule, for example for glycosylating a hydroxyl compound, a saccharide, peptide, or a drug. According to the inventive method, an enzymatic synthesis of β -D-fructofuranosyl- α -D-aldopyranoside is carried out in a first step, and in a second step one of the saccharide groups is enzymatically transferred onto the acceptor molecule.

IPC 8 full level
C07H 3/06 (2006.01); **C08B 37/00** (2006.01); **C12P 19/18** (2006.01)

CPC (source: EP US)
C07H 3/06 (2013.01 - EP US); **C08B 37/006** (2013.01 - EP US); **C12N 9/1048** (2013.01 - EP US); **C12P 19/04** (2013.01 - EP US); **C12P 21/005** (2013.01 - EP US)

Citation (search report)
See references of WO 2006100253A2

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
WO 2006100253 A2 20060928; WO 2006100253 A3 20070426; EP 1861503 A2 20071205; US 2009076258 A1 20090319

DOCDB simple family (application)
EP 2006060932 W 20060322; EP 06725216 A 20060322; US 88693806 A 20060322