

Title (en)
PROCESS FOR PREPARING ALKYL POLYGLUCOSIDES, AND ALKYL POLYGLUCOSIDES OBTAINED ACCORDING TO THE PROCESS

Title (de)
VERFAHREN ZUR HERSTELLUNG VON ALKYL-POLYGLUCOSIDEN UND NACH DIESEM VERFAHREN ERHALTENE ALKYL-POLYGLUCOSIDE

Title (fr)
PROCÉDÉ DE PRÉPARATION DE POLYGLUCOSIDES D'ALKYLE ET POLYGLUCOSIDES D'ALKYLE OBTENUS SELON LE PROCÉDÉ

Publication
EP 4176072 A1 20230510 (FR)

Application
EP 21748921 A 20210702

Priority
• FR 2007021 A 20200702
• FR 2021051220 W 20210702

Abstract (en)
[origin: WO2022003305A1] The present invention relates to a process for preparing an alkyl polyglucoside by enzymatic catalysis, using sucrose or an analogue thereof as substrate and making it possible to obtain a large diversity of alkyl polyglucosides in terms of size and structure of the glucoside part thereof, making possible the obtaining of an alkyl polyglucoside with a number of glucosyl units that can be adjusted from 2 to 200 glucosyl units. The process also makes it possible to adjust the linear or branched structure of the carbohydrate part of the alkyl polyglucoside obtained, and also the nature of the glycosidic bonds linking the glucose residues within the carbohydrate part.

IPC 8 full level
C12P 19/04 (2006.01); **C07H 15/10** (2006.01); **C08B 37/00** (2006.01); **C12P 19/18** (2006.01)

CPC (source: EP US)
C08B 37/0009 (2013.01 - EP); **C12N 9/1051** (2013.01 - US); **C12P 19/04** (2013.01 - EP); **C12P 19/18** (2013.01 - EP); **C12P 19/44** (2013.01 - US); **C12Y 204/01005** (2013.01 - US)

Citation (search report)
See references of WO 2022003305A1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

Designated validation state (EPC)
KH MA MD TN

DOCDB simple family (publication)
WO 2022003305 A1 20220106; CA 3187936 A1 20220106; EP 4176072 A1 20230510; US 2023295679 A1 20230921

DOCDB simple family (application)
FR 2021051220 W 20210702; CA 3187936 A 20210702; EP 21748921 A 20210702; US 202118013713 A 20210702