

Title (en)
GLUCOSYL STEVIA COMPOSITION

Title (de)
GLUCOSYLSTEVIA-ZUSAMMENSETZUNG

Title (fr)
COMPOSITION GLUCOSYLÉE À BASE DE STÉVIA

Publication
EP 3052638 A4 20170315 (EN)

Application
EP 14847903 A 20140926

Priority
• US 201314040986 A 20130930
• US 2014057607 W 20140926

Abstract (en)
[origin: WO2015048383A1] Glucosyl stevia compositions are prepared from steviol glycosides of Stevia rebaudiana Bertoni. The glucosylation was performed by cyclodextrin glucanotransferase using the starch as source of glucose residues. The glucosyl stevia compositions were purified to >95% content of total steviol glycosides. The compositions can be used as sweetness enhancers, flavors, flavor enhancers and sweeteners in foods, beverages, cosmetics and pharmaceuticals.

IPC 8 full level
C12P 19/14 (2006.01)

CPC (source: EP US)
A23L 2/60 (2013.01 - EP); **A23L 5/00** (2016.07 - EP US); **A23L 5/40** (2016.07 - EP); **A23L 27/00** (2016.07 - EP); **A23L 27/30** (2016.07 - EP); **A23L 27/32** (2016.07 - EP); **A23L 27/36** (2016.07 - EP); **A23L 27/37** (2016.07 - EP); **A23L 27/82** (2016.07 - EP); **A23L 29/035** (2016.07 - EP); **A23L 29/10** (2016.07 - EP); **A23L 29/20** (2016.07 - EP); **A23L 29/206** (2016.07 - EP); **A23L 29/212** (2016.07 - EP); **A23L 29/30** (2016.07 - EP); **A23L 29/35** (2016.07 - EP); **A23L 29/37** (2016.07 - EP); **A23L 33/125** (2016.07 - EP US); **A23L 33/175** (2016.07 - EP); **A23L 33/21** (2016.07 - EP); **C07H 1/00** (2013.01 - EP); **C07H 15/24** (2013.01 - EP); **C12P 19/14** (2013.01 - EP); **C12P 19/18** (2013.01 - EP); **C12P 19/56** (2013.01 - EP); **A23L 7/00** (2016.07 - EP US)

Citation (search report)
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• [A] JP 2003252895 A 20030910 - SARAYA KK, et al
• [A] KOCHIKYAN V T ET AL: "Combined enzymatic modification of stevioside and rebaudioside A", APPLIED BIOCHEMISTRY AND MICROBIOLOGY, KLUWER ACADEMIC PUBLISHERS-PLENUM PUBLISHERS, NE, vol. 42, no. 1, 1 January 2006 (2006-01-01), pages 31 - 37, XP019293854, ISSN: 1608-3024
• [A] LI SHA ET AL: "Transglycosylation of stevioside to improve the edulcorant quality by lower substitution using cornstarch hydrolyzate and CGTase", FOOD CHEMISTRY, ELSEVIER LTD, NL, vol. 138, no. 2, 12 November 2012 (2012-11-12), pages 2064 - 2069, XP028977479, ISSN: 0308-8146, DOI: 10.1016/J.FOODCHEM.2012.10.124
• See references of WO 2015048383A1

Designated contracting state (EPC)
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