

Title (en)
HIGH-PURITY STEVIOL GLYCOSIDES

Title (de)
HOCHREINE STEVIOL-GLYCOSIDE

Title (fr)
GLYCOSIDES DE STÉVIOL DE HAUTE PURETÉ

Publication
EP 3764815 A1 20210120 (EN)

Application
EP 19767008 A 20190315

Priority

- US 201862644065 P 20180316
- US 201862644407 P 20180317
- US 2018026920 W 20180410
- US 201862682461 P 20180608
- US 201862771937 P 20181127
- US 201962806646 P 20190215
- US 2019022456 W 20190315

Abstract (en)
[origin: CA3094203A1] Methods of preparing highly purified steviol glycosides, particularly steviolmonoside, steviolmonoside A, steviolbioside, steviolbioside D, rubusoside, steviolbioside A, steviolbioside B, rebaudioside B, stevioside, rebaudioside G, stevioside A, stevioside B, stevioside C, rebaudioside A, rebaudioside E, rebaudioside E2, rebaudioside E4, rebaudioside E6, rebaudioside E3, rebaudioside D, rebaudioside /, rebaudioside AM, rebaudioside D7, rebaudioside M, rebaudioside M4, rebaudioside Ia, rebaudioside Ib, rebaudioside 1c, rebaudioside Id, rebaudioside 1e, rebaudioside If, rebaudioside 1g, rebaudioside Ih, rebaudioside 1i, rebaudioside 1j, rebaudioside 1k, rebaudioside 11, rebaudioside Im, rebaudioside In, rebaudioside 1o, rebaudioside 1p, rebaudioside 1q, rebaudioside 1r, rebaudioside 1s, rebaudioside 1t, rebaudioside 2a, rebaudioside 2b, rebaudioside 2c, rebaudioside 2d, rebaudioside 2e, rebaudioside 2f rebaudioside 2g, rebaudioside 2h, rebaudioside 2i, rebaudioside 2j, rebaudioside 2k, rebaudioside 21, rebaudioside 2m, rebaudioside 2n, rebaudioside 2o, rebaudioside 2p, rebaudioside 2q, rebaudioside 2r, rebaudioside 2s and/or SvG7 are described. The methods include utilizing enzyme preparations and recombinant microorganisms for converting various starting compositions to target steviol glycosides. The highly purified steviol glycosides are useful as non-caloric sweetener, flavor enhancer, sweetness enhancer, and foaming suppressor in edible and chewable compositions such as any beverages, confectioneries, bakery products, cookies, and chewing gums.

IPC 8 full level
A23L 27/30 (2016.01); **A23L 2/60** (2006.01); **C07H 15/256** (2006.01)

CPC (source: EP KR)
A23L 2/60 (2013.01 - EP KR); **A23L 27/30** (2016.08 - KR); **A23L 27/36** (2016.08 - EP); **A23L 27/88** (2016.08 - EP KR); **C07H 15/256** (2013.01 - EP KR); **C12N 9/1048** (2013.01 - KR); **C12N 9/1051** (2013.01 - KR); **C12P 19/56** (2013.01 - EP KR)

Cited by
EP3927714A4

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

DOCDB simple family (publication)
AU 2019236227 A1 20201008; AU 2019236227 B2 20240606; BR 112020018931 A2 20210105; CA 3094203 A1 20190919; CN 112512337 A 20210316; EP 3764815 A1 20210120; EP 3764815 A4 20220126; JP 2021518369 A 20210802; KR 20200133251 A 20201126; MX 2020009626 A 20210527

DOCDB simple family (application)
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