

Title (en)
HIGH-PURITY STEVIOL GLYCOSIDES

Title (de)
HOCHREINE STEVIOL-GLYCOSIDE

Title (fr)
GLYCOSIDES DE STÉVIOL DE HAUTE PURETÉ

Publication
EP 3764815 A4 20220126 (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 la, rebaudioside lb, rebaudioside 1c, rebaudioside ld, rebaudioside 1e, rebaudioside lf, rebaudioside 1g, rebaudioside lh, rebaudioside 1i, rebaudioside 1j, rebaudioside 1k, rebaudioside 11, rebaudioside lm, rebaudioside ln, rebaudioside 1o, rebaudioside 1p, rebaudioside lq, rebaudioside lr, rebaudioside ls, rebaudioside lt, 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); **A23L 27/00** (2016.01); **C07H 15/256** (2006.01); **C12P 19/56** (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)

Citation (search report)

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