

Title (en)

NON-CRYSTALLIZING LIQUID XYLITOL COMPOSITIONS AND CO-HYDROGENATION PROCESSES FOR MAKING SAME

Title (de)

NICHTKRISTALLISIERBARE FLÜSSIGE XYLITOL ZUSAMMENSETZUNGEN UND KOHYDRIERUNGSVERFAHREN ZU DEREN HERSTELLUNG

Title (fr)

COMPOSITIONS DE XYLITOL LIQUIDE NON-CRYSTALLISABLES ET PROCEDES DE PRODUCTION DESDITES COMPOSITIONS PAR CO-HYDROGENATION

Publication

EP 1112004 A1 20010704 (EN)

Application

EP 99949615 A 19990909

Priority

- US 9920745 W 19990909
- US 9974798 P 19980910

Abstract (en)

[origin: WO0015048A1] A non-crystallizing liquid xylitol composition comprising, at between about 65 and about 90 weight percent dry solids, xylitol, in an amount between about 10 and about 50 weight percent of the dry solids, and sorbitol, in an amount between about 50 and about 90 weight percent of the dry solids. The liquid xylitol composition is preferably non-crystallizing at between about 0 DEG C and about 10 DEG C. A co-hydrogenation process for producing liquid xylitol compositions, comprising co-hydrogenating a sugar syrup mixture comprising a sugar syrup having a dextrose equivalence (DE) of between about 20DE and about 99DE, in an amount between about 55 and about 95 weight percent of the mixture, and xylose, in an amount between about 15 and about 55 weight percent of the mixture. This process may be used to produce non-crystallizing liquid xylitol compositions.

IPC 1-7

A23L 1/236; A23G 3/00; A23G 3/30; A61K 7/16; C07C 29/141

IPC 8 full level

A23G 3/00 (2006.01); **A23G 3/34** (2006.01); **A23G 4/00** (2006.01); **A23G 4/10** (2006.01); **A23L 27/30** (2016.01); **A61K 8/00** (2006.01); **A61K 8/30** (2006.01); **A61K 8/34** (2006.01); **A61Q 11/00** (2006.01); **C07C 29/141** (2006.01); **C07C 29/74** (2006.01); **C07C 31/18** (2006.01); **C07C 31/26** (2006.01)

CPC (source: EP)

A23G 3/346 (2013.01); **A23G 4/10** (2013.01); **A23L 27/34** (2016.07); **A61K 8/345** (2013.01); **A61Q 11/00** (2013.01); **C07C 29/132** (2013.01); **A23G 2200/06** (2013.01); **A61K 2800/59** (2013.01)

Citation (search report)

See references of WO 0015048A1

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

WO 0015048 A1 20000323; AU 6245299 A 20000403; BR 9913216 A 20011002; CA 2344078 A1 20000323; CA 2344078 C 20070417; EP 1112004 A1 20010704; JP 2002524479 A 20020806

DOCDB simple family (application)

US 9920745 W 19990909; AU 6245299 A 19990909; BR 9913216 A 19990909; CA 2344078 A 19990909; EP 99949615 A 19990909; JP 2000569647 A 19990909