

Title (en)
BEVERAGE EMULSION STABILIZER

Title (de)
STABILISATOR FÜR GETRÄNKEEMULSIONEN

Title (fr)
AGENT STABILISANT D'EMULSION DE BOISSON

Publication
EP 1343388 A4 20041013 (EN)

Application
EP 01998235 A 20011130

Priority

- US 0144799 W 20011130
- US 25028900 P 20001130

Abstract (en)
[origin: WO0243509A1] A composition useful as a stabilizer for beverage emulsions and a method for its preparation are disclosed. The stabilizer composition contains co-processed modified starch and propylene glycol alginate. The ratio by weight of modified starch to propylene glycol alginate is about 60:40 to about 95:5; and the propylene glycol alginate has a degree of esterification of about 40 % to about 95 %. The co-processed stabilizer composition is prepared by forming an aqueous dispersion of the modified starch and the propylene glycol alginate and drying the aqueous dispersion. Beverage emulsions comprising the stabilizer, beverage products comprising the beverage emulsions, and the methods for their preparation are also disclosed.

IPC 1-7
A23L 1/0522; A23L 1/0532; A23L 2/00; A23L 2/38; A23L 2/52; A23L 2/62

IPC 8 full level
A23L 2/62 (2006.01); **A23L 1/0522** (2006.01); **A23L 1/09** (2006.01); **A23L 2/52** (2006.01); **A23L 29/256** (2016.01); **C08L 3/02** (2006.01)

CPC (source: EP)
A23L 2/52 (2013.01); **A23L 29/219** (2016.07); **A23L 29/256** (2016.07); **A23V 2002/00** (2013.01)

Citation (search report)

- [X] US 4643894 A 19870217 - PORTER STUART C [US], et al
- [X] US 3332786 A 19670725 - EDLIN RAY L
- [A] US 5616358 A 19970401 - TAYLOR MATTHEW J [US], et al
- [AD] US 5919512 A 19990706 - MONTEZINOS DAVID LEE [US]
- [T] ANONYMOUS: "Functional Drink, Tea and Juice Stabilizers, Clarifiers and Texturizers.", INTERNET ARTICLE, XP002287134, Retrieved from the Internet <URL:<http://www.ispcorp.com/products/beverage/content/brochure/pdf/userguide.pdf>> [retrieved on 20040706]
- [A] G.O. PHILLIPS, P.A. WILLIAMS, D.J. WEDLOCK: "Gums and Stabilisers for the Food Industry 5", 1990, IRL PRESS, USA, XP002287149
- See references of WO 0243509A1

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)
WO 0243509 A1 20020606; AU 1994202 A 20020611; BR 0115612 A 20030916; CN 1477933 A 20040225; EP 1343388 A1 20030917;
EP 1343388 A4 20041013; JP 2004514765 A 20040520; MX PA03004595 A 20030904

DOCDB simple family (application)
US 0144799 W 20011130; AU 1994202 A 20011130; BR 0115612 A 20011130; CN 01819715 A 20011130; EP 01998235 A 20011130;
JP 2002545498 A 20011130; MX PA03004595 A 20011130