

Title (en)

USE OF STARFRUIT EXTRACT AS A CPT-1 MODULATOR AND COMPOSITIONS THEREOF

Title (de)

VERWENDUNG EINES STERNFRUCHTEXTRAKTS ALS CPT-1-MODULATOR UND ZUSAMMENSETZUNGEN DARAUS

Title (fr)

UTILISATION D'EXTRAIT DE CARAMBOLE EN TANT QUE MODULATEUR DE CPT-1 ET COMPOSITIONS DE CELUI-CI

Publication

**EP 2819684 A4 20151216 (EN)**

Application

**EP 12870254 A 20120229**

Priority

US 2012027065 W 20120229

Abstract (en)

[origin: WO2013130056A1] The present invention describes methods for improving the appearance of skin, particularly, treating, ameliorating, preventing, delaying, and/or improving one or more signs of excess accumulation and/or production of subcutaneous fat, such as cellulite, and conditions related thereto, by topically applying compositions comprising Carnitine Palmitoyl Transferase-1 (CPT-1) stimulating aqueous extract of the leaf of Averrhoa carambola, optionally with other anti-lipid agents.

IPC 8 full level

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Citation (search report)

- [XY] JP 2002241296 A 20020828 - MARUZEN PHARMA
- [XY] JP 2010178736 A 20100819 - ZENYAKU KOGYO KK
- [XY] JP 2009191039 A 20090827 - MARUZEN PHARMA
- [XY] JP 2002226323 A 20020814 - MARUZEN PHARMA
- [Y] KR 20080088800 A 20081006 - AMOREPACIFIC CORP [KR]
- [Y] WO 2008147148 A1 20081204 - AMOREPACIFIC CORP [KR], et al
- [Y] US 2011305781 A1 20111215 - HWANG CHENG S [US], et al
- [XY] DATABASE GNPD [online] MINTEL; 1 August 2009 (2009-08-01), ALOE-HA ENTERPRISES: "Pear Hibiscus Firming Body Lotion", XP002749429, Database accession no. 1162634
- [XY] DATABASE GNPD [online] MINTEL; 1 September 2010 (2010-09-01), B&C LABORATORIES: "Vecua Clay Condition Mask IV", XP002749430, Database accession no. 1485113
- [X] GHEEWALA PAYAL ET AL: "PHYTOCHEMICAL AND PHARMACOLOGICAL PROFILE OF AVERRHOA CARAMBOLA LINN: AN OVERVIEW", 1 January 2012 (2012-01-01), XP055224070, Retrieved from the Internet <URL:http://www.irjponline.com/admin/php/uploads/796\_pdf.pdf> [retrieved on 20151028]
- [T] MONICA OTTAVIANI ET AL: "Lipid Mediators in Acne", MEDIATORS OF INFLAMMATION, vol. 10, no. 4, 1 January 2010 (2010-01-01), pages 169 - 6, XP055157063, ISSN: 0962-9351, DOI: 10.1111/j.1365-2133.2006.07671.x
- [T] J IDKOWIAK-BALDYS ET AL: "Modulation of CPT-1 expression in primary human subcutaneous adipocytes with starfruit (Averrhoa carambola) leaf extract", JOURNAL OF INVESTIGATIVE DERMATOLOGY, vol. 132, no. Suppl. 1, 348, 1 May 2012 (2012-05-01) - 12 May 2012 (2012-05-12), US, pages S59, XP055162598, ISSN: 0022-202X, DOI: 10.1038/jid.2012.83
- See references of WO 2013130056A1

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