

Title (en)

ASCORBIC ACID SALT SUSPENSIONS AND USE THEREOF AS ANTIOXIDANTS

Title (de)

SUSPENSIONEN VON SALZEN DER ASCORBINSÄURE UND IHRE VERWENDUNG ALS ANTIOXIDANTIEN

Title (fr)

SUSPENSIONS DE SELS DE L'ACIDE ASCORBIQUE ET LEUR UTILISATION EN TANT QU'ANTIOXYDANTS

Publication

EP 1526837 A1 20050504 (DE)

Application

EP 03766189 A 20030716

Priority

- DE 10233738 A 20020724
- DE 10303527 A 20030129
- EP 0307705 W 20030716

Abstract (en)

[origin: WO2004012707A1] Disclosed are suspensions containing A) at least one oxidation-sensitive substance selected among the group comprising carotinoids, retinoids, and unsaturated fatty acids, and B) solid particles of one or several ascorbic acid salts in a dispersing agent in which the ascorbic acid salts are insoluble.

IPC 1-7

A61K 9/10; **A23L 1/30**; **A23K 1/16**; **A23K 3/00**; **A61K 7/00**; **A61K 31/07**; **A61K 31/375**

IPC 8 full level

A23K 1/00 (2006.01); **A23K 1/16** (2006.01); **A23K 3/00** (2006.01); **A23L 1/275** (2006.01); **A23L 1/30** (2006.01); **A23L 3/3508** (2006.01); **A23L 5/41** (2016.01); **A23L 33/15** (2016.01); **A23L 33/155** (2016.01); **A61K 8/04** (2006.01); **A61K 8/67** (2006.01); **A61K 9/107** (2006.01); **A61K 9/14** (2006.01); **A61K 31/07** (2006.01); **A61K 31/201** (2006.01); **A61K 31/202** (2006.01); **A61K 31/203** (2006.01); **A61K 31/355** (2006.01); **A61K 31/375** (2006.01); **A61K 31/59** (2006.01); **A61Q 19/00** (2006.01); **C09K 15/34** (2006.01)

CPC (source: EP US)

A23K 20/158 (2016.05 - EP US); **A23K 20/174** (2016.05 - EP US); **A23K 20/179** (2016.05 - EP US); **A23K 30/00** (2016.05 - EP US); **A23K 40/00** (2016.05 - EP US); **A23K 40/10** (2016.05 - EP US); **A23K 40/30** (2016.05 - EP US); **A23L 3/3508** (2013.01 - EP US); **A23L 5/41** (2016.07 - EP US); **A23L 5/44** (2016.07 - EP US); **A23L 33/12** (2016.07 - EP US); **A23L 33/15** (2016.07 - EP US); **A23L 33/155** (2016.07 - EP US); **A61K 8/044** (2013.01 - EP US); **A61K 8/671** (2013.01 - EP US); **A61K 8/676** (2013.01 - EP US); **A61K 8/678** (2013.01 - EP US); **A61K 9/107** (2013.01 - EP US); **A61K 9/143** (2013.01 - EP US); **A61K 9/145** (2013.01 - EP US); **A61K 31/07** (2013.01 - EP US); **A61K 31/201** (2013.01 - EP US); **A61K 31/202** (2013.01 - EP US); **A61K 31/203** (2013.01 - EP US); **A61K 31/355** (2013.01 - EP US); **A61K 31/375** (2013.01 - EP US); **A61K 31/59** (2013.01 - EP US); **A61Q 19/00** (2013.01 - EP US); **C09K 15/34** (2013.01 - EP US); **A23V 2002/00** (2013.01 - EP US); **A61K 2800/522** (2013.01 - EP US)

Citation (search report)

See references of WO 2004012707A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)

WO 2004012707 A1 20040212; AU 2003250967 A1 20040223; AU 2003250967 B2 20090528; EP 1526837 A1 20050504; JP 2006502127 A 20060119; US 2006078597 A1 20060413

DOCDB simple family (application)

EP 0307705 W 20030716; AU 2003250967 A 20030716; EP 03766189 A 20030716; JP 2004525218 A 20030716; US 52053305 A 20050106