

Title (en)

LIPOSOMES LOADED WITH FULLERENE AND PROCESS FOR THEIR PREPARATION

Title (de)

MIT FULLEREN BELADENE LIPOSOME UND HERSTELLUNGSVERFAHREN

Title (fr)

LIPOSOMES CHARGÉS DE FULLERÈNE ET PROCÉDÉ POUR LA PRÉPARATION DE CEUX-CI

Publication

**EP 1933812 A1 20080625 (EN)**

Application

**EP 06711447 A 20060309**

Priority

- IT 2006000140 W 20060309
- IT MI20051913 A 20051011

Abstract (en)

[origin: WO2007043074A1] Liposomes loaded with fullerene are described, together with the related preparation which comprises the following steps: a) dissolving fullerene in a solvent; b) adding a phospholipid to the solution obtained in step (a) and mixing until the complete disappearance of the fullerene; c) eliminating the solvent, thus obtaining the phospholipid/fullerene complex; d) diluting the phospholipid/fullerene complex with water thus obtaining liposomes loaded with fullerene, the above fullerene being directly bound to the liposome membrane. The liposomes of the present invention have a high skin absorption capacity and an excellent anti-oxidizing capacity.

IPC 8 full level

**A61K 9/127** (2006.01)

CPC (source: EP)

**A61K 8/14** (2013.01); **A61K 8/19** (2013.01); **A61Q 19/00** (2013.01); **A61K 2800/522** (2013.01)

Citation (search report)

See references of WO 2007043074A1

Designated contracting state (EPC)

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

DOCDB simple family (publication)

**WO 2007043074 A1 20070419**; EP 1933812 A1 20080625; IT MI20051913 A1 20070412

DOCDB simple family (application)

**IT 2006000140 W 20060309**; EP 06711447 A 20060309; IT MI20051913 A 20051011