

Title (en)  
AN EFFICIENT METHOD FOR LOADING AMPHOTERIC LIPOSOMES WITH NUCLEIC ACID ACTIVE SUBSTANCES

Title (de)  
EFFIZIENTES VERFAHREN ZUM BELADEN VON AMPHOTEREN LIPOSOMEN MIT NUKLEINSÄURE-WIRKSTOFFEN

Title (fr)  
PROCÉDÉ EFFICACE DE CHARGEMENT DE LIPOSOMES AMPHOTÈRES AVEC DES SUBSTANCES ACTIVES D'ACIDES NUCLÉIQUES

Publication  
**EP 2004141 A2 20081224 (EN)**

Application  
**EP 07723327 A 20070316**

Priority

- EP 2007002349 W 20070316
- DE 102006013121 A 20060317
- EP 06113784 A 20060510
- EP 2006009013 W 20060915
- EP 06254821 A 20060915
- US 52185706 A 20060915
- US 58105406 A 20061013
- EP 06255277 A 20061013
- DE 102006054192 A 20061110
- EP 07723327 A 20070316

Abstract (en)  
[origin: WO2007107304A2] A method for preparing amphoteric liposomes loaded with a polyanionic active agent as cargo, characterised by admixing an aqueous solution of said polyanionic active agent and an alcoholic solution of one or more amphiphiles and buffering said admixture to an acidic pH, said one or more amphiphiles being susceptible of forming amphoteric liposomes at said acidic pH, thereby to form such amphoteric liposomes in suspension encapsulating said active agent under conditions such that said liposomes form aggregates, and thereafter treating said suspension to dissociate said aggregates. Also disclosed are nucleic acid loaded amphoteric liposomes produced in accordance with the method, wherein said nucleic acids are oligonucleotides and said liposomes are multilamellar.

IPC 8 full level  
**A61K 9/127** (2006.01); **A61K 48/00** (2006.01); **C12N 15/88** (2006.01)

CPC (source: EP)  
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Citation (search report)  
See references of WO 2007107304A2

Citation (examination)

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- WO 2007064857 A2 20070607 - PRONAI THERAPEUTICS INC [US], et al
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