

Title (en)

PREVENTION OF LEAKAGE DURING THERMOTROPIC PHASE TRANSITION IN LIPOSOMES AND BIOLOGICAL CELLS

Title (de)

VERHINDERUNG DES AUSFLIESSENS AUS LIPOSOMEN UND BIOLOGISCHEN ZELLEN WÄHREND THERMOTROPEN PHASENÜBERGANG

Title (fr)

PREVENTION DES FUITES SE PRODUISANT PENDANT LA TRANSITION DE PHASE THERMOTROPE DANS DES LIPOSOMES ET DES CELLULES BIOLOGIQUES

Publication

**EP 0796088 A4 19981209 (EN)**

Application

**EP 95944345 A 19951218**

Priority

- US 9516520 W 19951218
- US 36919395 A 19950105

Abstract (en)

[origin: WO9620695A1] Leakage from liposomes or biological cells which occurs upon cooling through the thermotropic phase transition temperature is reduced or eliminated by incorporating thermal hysteresis proteins in the liposome or cell structure. Preferred thermal hysteresis proteins are antifreeze proteins and antifreeze glycoproteins from polar fish species, and chromatographic fraction no. 8 of antifreeze glycoproteins has been found to be particularly effective.

IPC 1-7

**A61K 9/127**

IPC 8 full level

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CPC (source: EP)

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- [A] WO 9112718 A1 19910905 - AGOURON PHARMA [US]
- See references of WO 9620695A1

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**US 9516520 W 19951218**; AU 4641696 A 19951218; CA 2207905 A 19951218; CN 95197247 A 19951218; EP 95944345 A 19951218; JP 52105096 A 19951218