

Title (en)

CONTROLLED-RELEASE LIPOSOME DELIVERY SYSTEM.

Title (de)

LIPOSOMENVERABREICHUNGSSYSTEM MIT GEREGLTER VERABREICHUNG.

Title (fr)

SYSTEME D'ADMINISTRATION LIPOSOMIQUE A LIBERATION ENTRETEENUE.

Publication

**EP 0256119 A4 19880823 (EN)**

Application

**EP 87901859 A 19870209**

Priority

US 82815386 A 19860210

Abstract (en)

[origin: WO8704592A1] A method for selectively controlling the rate of release of a liposome-entrapped compound from an intramuscular or subcutaneous injection site. The method includes selecting the average size, amount, and lipid composition of liposomes injected into the site to produce a desired half life of release of the compound. A preferred composition used in practicing the invention includes an aqueous suspension of liposomes containing the compound in entrapped form, and having average particle sizes less than about 0.3 microns, and larger empty liposomes present in an amount effective to increase the half life of release of the compound from the injection site to a desired half life between about 1-14 days. Also disclosed is a stable liposome/calcitonin composition.

IPC 1-7

**A01N 25/26**; **A01N 25/28**; **A61K 37/22**; **A61J 5/00**; **B01J 13/02**; **B32B 5/16**; **B32B 9/02**; **B32B 9/04**

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CPC (source: EP)

**A61K 9/127** (2013.01)

Citation (search report)

- G. GREGORIADIS: "Drug carriers in biology and medicine", 1979, Academic Press, London, GB, Chapter VII: "Targeting of liposomes", pages 131-132, page 331, last two lines - page 332, paragraph 1.
- See references of WO 8704592A1

Designated contracting state (EPC)

AT BE CH DE FR GB IT LI LU NL SE

DOCDB simple family (publication)

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DOCDB simple family (application)

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