

Title (en)

DNA PHARMACEUTICAL FORMULATIONS COMPRISING CITRATE OR A COMBINATION OF CITRATE AND TRIETHANOLAMINE

Title (de)

PHARMAZEUTISCHE DNS-FORMULIERUNGEN, DIE CITRAT ODER EINE KOMBINATION AUS CITRAT UND TRIETHANOLAMIN ENTHALTEN

Title (fr)

FORMULATIONS PHARMACEUTIQUES D'ADN COMPORTANT DU CITRATE OU UNE COMBINAISON DU CITRATE ET DE LA TRIETHANOLAMINE

Publication

EP 1042347 A1 20001011 (EN)

Application

EP 98964228 A 19981222

Priority

- GB 9801099 A 19980120
- US 9827310 W 19981222
- US 6872197 P 19971223

Abstract (en)

[origin: WO9932503A1] The present invention relates to nucleic acid formulations of pharmaceutical products which comprise citrate and/or triethanolamine in concentrations which enhance stability of the nucleic acid. These formulations are suited for situations where prolonged storage occurs during the distribution and/or storage period prior to use.

IPC 1-7

C07H 21/02; **A61K 48/00**

IPC 8 full level

A61K 31/7088 (2006.01); **A61K 47/12** (2006.01); **A61K 47/18** (2006.01); **A61K 48/00** (2006.01); **A61K 47/02** (2006.01)

CPC (source: EP)

A61K 47/12 (2013.01); **A61K 48/00** (2013.01); **A61K 47/02** (2013.01); **A61K 47/18** (2013.01)

Cited by

US11554179B2

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU NL PT SE

Designated extension state (EPC)

AL LT LV MK RO SI

DOCDB simple family (publication)

WO 9932503 A1 19990701; AU 1940599 A 19990712; CA 2315032 A1 19990701; EP 1042347 A1 20001011; EP 1042347 A4 20050216; JP 2001526292 A 20011218

DOCDB simple family (application)

US 9827310 W 19981222; AU 1940599 A 19981222; CA 2315032 A 19981222; EP 98964228 A 19981222; JP 2000525440 A 19981222