

(19)



(11)

EP 1 446 104 B1

(12)

EUROPEAN PATENT SPECIFICATION

(45) Date of publication and mention of the grant of the patent:
16.07.2008 Bulletin 2008/29

(51) Int Cl.:
A61K 9/14 ^(2006.01) **A61K 9/16** ^(2006.01)
A61K 9/72 ^(2006.01) **A61K 31/58** ^(2006.01)
A61K 31/167 ^(2006.01)

(21) Application number: **02776395.2**

(86) International application number:
PCT/US2002/034909

(22) Date of filing: **31.10.2002**

(87) International publication number:
WO 2003/037303 (08.05.2003 Gazette 2003/19)

(54) **SPRAY DRYING METHODS**

SPRÜHTROCKNUNGSVERFAHREN

PROCEDES DE SECHAGE PAR PULVERISATION

(84) Designated Contracting States:
**AT BE BG CH CY CZ DE DK EE ES FI FR GB GR
IE IT LI LU MC NL PT SE SK TR**
Designated Extension States:
AL LT LV MK RO SI

- **VOSBERG, Michael, J.**
San Carlos, CA 94070 (US)
- **VARGA, Christopher, M.**
Redwood City, CA 94065 (US)

(30) Priority: **01.11.2001 US 336538 P**

(74) Representative: **Vossius & Partner**
Siebertstrasse 4
81675 München (DE)

(43) Date of publication of application:
18.08.2004 Bulletin 2004/34

(56) References cited:
WO-A-97/41833 **WO-A-98/29096**
WO-A-99/64014 **US-A- 5 723 269**

(73) Proprietor: **Nektar Therapeutics**
San Carlos, CA 94070 (US)

- **BRANDENBERGER H.; WIDMER F.:** 'A new multinozzle encapsulation/immobilisation system to produce uniform beads of alginate' **JOURNAL OF BIOTECHNOLOGY** vol. 63, 1998, pages 73 - 80

(72) Inventors:
• **SNYDER, Herman, E.**
Pacifica, CA 94044 (US)

EP 1 446 104 B1

Note: Within nine months of the publication of the mention of the grant of the European patent in the European Patent Bulletin, any person may give notice to the European Patent Office of opposition to that patent, in accordance with the Implementing Regulations. Notice of opposition shall not be deemed to have been filed until the opposition fee has been paid. (Art. 99(1) European Patent Convention).

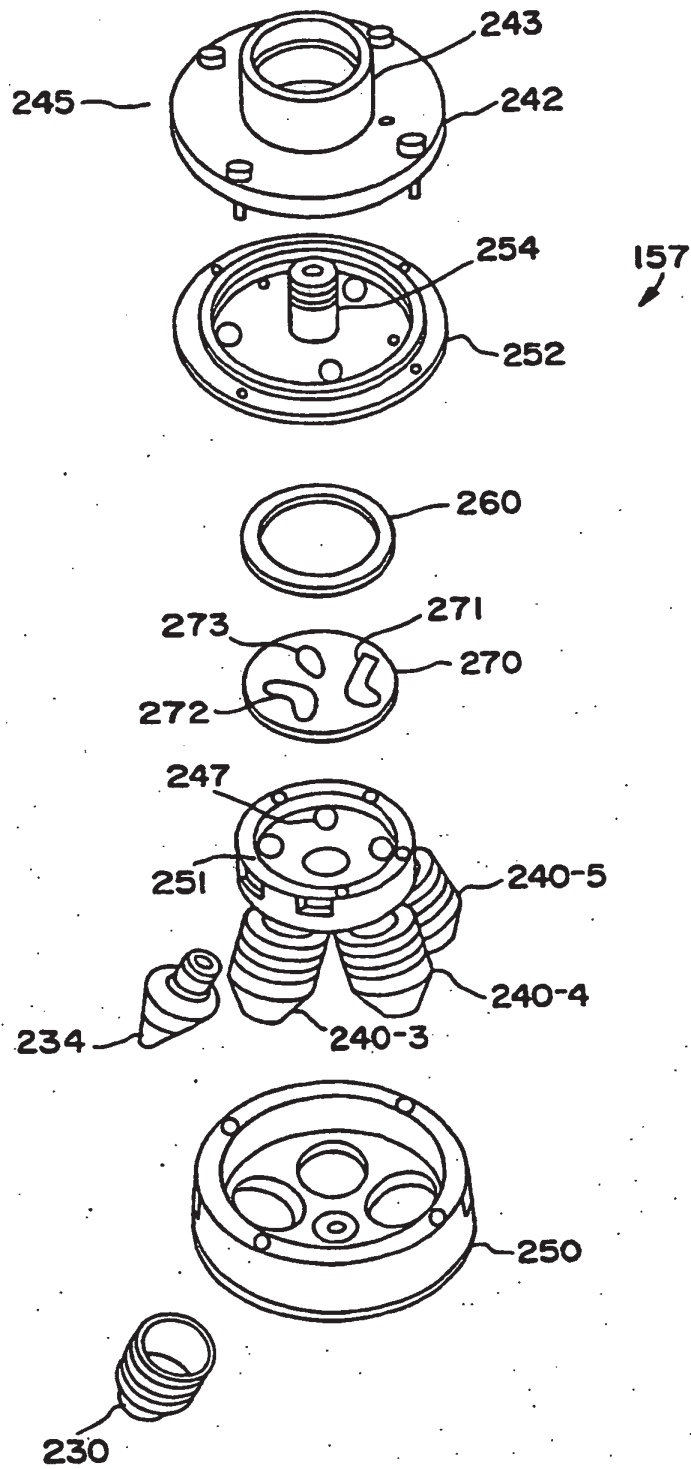


FIG. 5