

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization  
International Bureau



(43) International Publication Date  
9 July 2009 (09.07.2009)

PCT

(10) International Publication Number  
**WO 2009/085272 A3**

(51) International Patent Classification:

A61L 27/22 (2006.01) A61L 31/04 (2006.01)  
A61L 27/54 (2006.01) A61L 31/16 (2006.01)

(21) International Application Number:

PCT/US2008/014023

(22) International Filing Date:

22 December 2008 (22.12.2008)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

61/008,738 21 December 2007 (21.12.2007) US

(71) Applicant (for all designated States except US): **CODA THERAPEUTICS, INC.** [US/US]; 10505 Sorrento Valley Road, Suite 395, San Diego, CA 92121 (US).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **DUFT, Bradford, J.** [US/US]; P.o.box 1133, Rancho Santa Fe, CA 92067 (US). **GREEN, Colin, R.** [NZ/NZ]; 3/4 Crescent Road, Epsom, Auckland, 1023 (NZ). **BECKER, David, L.** [GB/GB]; 19 Lapwing Way, Abbots Langley, Hertfordshire WD5 OGG (GB).

(74) Agents: **BIGGS, Suzanne, L.** et al.; Duane Morris LLP, 101 West Broadway, Suite 900, San Diego, CA 92101-8285 (US).

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ,

CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, ST, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW.

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, MT, NL, NO, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

- with international search report (Art. 21(3))
- before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments (Rule 48.2(h))

(88) Date of publication of the international search report:

29 July 2010

(15) Information about Correction:

Previous Correction:

see Notice of 10 June 2010



WO 2009/085272 A3

(54) Title: IMPROVED MEDICAL DEVICES

(57) Abstract: Medical devices comprising an anti-connexin agent suitable for introduction into a subject.

**INTERNATIONAL SEARCH REPORT**

International application No  
PCT/US2008/014023

**A. CLASSIFICATION OF SUBJECT MATTER**

INV. A61L27/22      A61L27/54      A61L31/04      A61L31/16  
ADD.

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)  
A61L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 2006/134494 A2 (CODA THERAPEUTICS LTD [NZ]; GREEN COLIN R [NZ]; BECKER DAVID L [GB]) 21 December 2006 (2006-12-21) page 1, lines 10-14 page 5, line 7 - page 6, line 24 page 7, line 22 - page 10, line 4 page 13, lines 12-14 page 43, line 9 - page 79, line 11 page 81, line 12 - page 83, line 4 page 85, line 15 - page 86, line 5 page 95, lines 14-20 claims 1, 4, 7, 10-13, 38, 48, 74 ----- -/--	1-47

Further documents are listed in the continuation of Box C.

See patent family annex.

\* Special categories of cited documents :

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier document but published on or after the international filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

- "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- "&" document member of the same patent family

Date of the actual completion of the international search

1 June 2010

Date of mailing of the international search report

08/06/2010

Name and mailing address of the ISA/

European Patent Office, P.B. 5818 Patentlaan 2  
 NL - 2280 HV Rijswijk  
 Tel. (+31-70) 340-2040,  
 Fax: (+31-70) 340-3016

Authorized officer

Lamers, Wolfram

## INTERNATIONAL SEARCH REPORT

International application No  
PCT/US2008/014023

C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 00/44409 A1 (UNIV LONDON [GB]; BECKER DAVID LAURENCE [GB]; GREEN COLIN RICHARD [NZ]) 3 August 2000 (2000-08-03)  page 2, line 2 - page 5, line 22 page 13, lines 4-6 claims 1-36  -----	1-4, 9-12, 16-25, 37,38,47
E	WO 2009/075882 A2 (CODA THERAPEUTICS INC [US]; DUFT BRADFORD J [US]) 18 June 2009 (2009-06-18) paragraphs [0008] - [0017], [0 40], [0 53], [0 54]  -----	1-47

# INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No PCT/US2008/014023
---

Patent document cited in search report	A2	Publication date	Patent family member(s)	Publication date
WO 2006134494	A2	21-12-2006	AU 2006257283 A1	21-12-2006
			CA 2596412 A1	21-12-2006
			CN 101573131 A	04-11-2009
			EP 1959981 A2	27-08-2008
			JP 2008528678 T	31-07-2008
			KR 20080031154 A	08-04-2008
			US 2009142295 A1	04-06-2009
WO 0044409	A1	03-08-2000	AT 300959 T	15-08-2005
			AU 776512 B2	09-09-2004
			AU 2119300 A	18-08-2000
			CA 2361251 A1	03-08-2000
			DE 60021700 D1	08-09-2005
			DE 60021700 T2	01-06-2006
			DK 1146908 T3	10-10-2005
			EP 1146908 A1	24-10-2001
			EP 1621212 A1	01-02-2006
			ES 2245638 T3	16-01-2006
			JP 2002535377 T	22-10-2002
			NZ 513154 A	30-01-2004
			PT 1146908 E	31-10-2005
			US 2007037765 A1	15-02-2007
			US 2007060538 A1	15-03-2007
			US 2007078103 A1	05-04-2007
			US 2008221051 A1	11-09-2008
			US 2008249041 A1	09-10-2008
			US 2007066555 A1	22-03-2007
			US 2007072819 A1	29-03-2007
			US 2007072820 A1	29-03-2007
			US 7098190 B1	29-08-2006
WO 2009075882	A2	18-06-2009	NONE	