

**General:**

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- Status of the document <ep-bulletin>: **Replacement of data for an application already published**
- Changed tag from previous publication of document <B002EP><ep-chgt-info>: **B475=N,20220513**
- Publication number of the document (EPO or WIPO) <B110>: **3160234**
- Kind of document <B130>: **B1**
- EPO Application number <B210>: **15810908.2**
- Application filing date <B220>: **2015.06.26**
- Date of refusal of application <B235>:
- Date of withdrawal of application <B235>:
- Date of application deemed withdrawn <B237>:
- Date of receipt of request for re-establishment of rights <B238EP>:
- Date of decision for re-establishment of rights <B238>:
- Date of making available to the public by printing or similar process of an unexamined patent document, on which no grant has taken place on or before the said date <B430>: **2017.05.03**
- Date of making available to the public by printing or similar process of a patent document on which grant has taken place on or before the said date <B450><date>: **2021.08.04**
- Number of the EPO Bulletin in which the mention of the grant is published. <B450><bnum>: **202131**
- Date of rejection of the opposition procedure <B787>:
- Date of termination of the opposition procedure <B788>:
- Due date for translation: **2021.11.04**
- Text when the inventor has agreed to waive his entitlement to designation. <B009EP><text[jj]>:
- Date of reception of document: **2022.06.17**
- Date of publication <B140>: **2022.06.15**

**Priority <B300>:**

Number(s) assigned to priority application(s) <B310>:	Date(s) of filing of priority application(s) <B320>:	National property office allotting the priority application number or the organization allotting the regional priority application Number (WO for PCT) – country code <B330>:
	2014.06.27	US

**Lapse <B472>:**

**No lapse.**

**Classification <B500>:**

<b>IPC (8) as one fixed length field of 50 positions &lt;B510EP&gt;&lt;text&gt;:</b>	<b>Edition of IPC (IPC version) &lt;B516&gt;:</b>
A01N 37/44 20060101ALI20210128BHEP	8
A01N 59/16 20060101ALI20210128BHEP	8
A61K 8/27 20060101ALI20210128BHEP	8
A61K 8/365 20060101ALI20210128BHEP	8
A61K 8/44 20060101ALI20210128BHEP	8
A61K 9/00 20060101ALI20210128BHEP	8
A61K 31/194 20060101ALI20210128BHEP	8
A61K 31/198 20060101AFI20210128BHEP	8
A61K 33/30 20060101ALI20210128BHEP	8
A61K 45/06 20060101ALI20210128BHEP	8
A61P 17/00 20060101ALI20210128BHEP	8
A61P 27/02 20060101ALI20210128BHEP	8
A61P 31/00 20060101ALI20210128BHEP	8
A61P 31/04 20060101ALI20210128BHEP	8
A61P 31/10 20060101ALI20210128BHEP	8
A61Q 3/00 20060101ALI20210128BHEP	8
A61Q 17/00 20060101ALI20210128BHEP	8

**Title <B540>:**

**No title.**

**Division <B620> or <B620EP>:**  
**No division.**

**EPO Customer <B710>&<B720>&<B730>&<B740>:**

<b>Name &lt;snm&gt;:</b>	FROEHLICH, Gord	<b>EPO number of the customer &lt;iid&gt;:</b>	
<b>Address &lt;street&gt;, &lt;city&gt;, &lt;ctry&gt;:</b>	Box 25Group 310Rural Route 3 Selkirk, Manitoba R1A 2A8 CA		
<b>Customer type:</b>	Inventor	<b>Status:</b>	0

<b>Name &lt;snm&gt;:</b>	GAWANDE, Purushottam V.	<b>EPO number of the customer &lt;iid&gt;:</b>	
<b>Address &lt;street&gt;, &lt;city&gt;, &lt;ctry&gt;:</b>	35 Vestford Place Winnipeg, Manitoba R3Y 0E6 CA		
<b>Customer type:</b>	Inventor	<b>Status:</b>	0

<b>Name &lt;snm&gt;:</b>	Kane Biotech Inc.	<b>EPO number of the customer &lt;iid&gt;:</b>	101381344
<b>Address &lt;street&gt;, &lt;city&gt;, &lt;ctry&gt;:</b>	162-196 Innovation Drive Winnipeg, Manitoba R3T 2N2 CA		
<b>Customer type:</b>	Grantees	<b>Status:</b>	0

<b>Name &lt;snm&gt;:</b>	LOVETRI, Karen	<b>EPO number of the customer &lt;iid&gt;:</b>	
<b>Address &lt;street&gt;, &lt;city&gt;, &lt;ctry&gt;:</b>	845 Kilkenny Drive Winnipeg, Manitoba R3T 4Y4 CA		

<b>Customer type:</b>	Inventor	<b>Status:</b>	0
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<b>Name &lt;snm&gt;:</b>	MADHYASTHA, Srinivasa	<b>EPO number of the customer &lt;iid&gt;:</b>	
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<b>Address &lt;street&gt;, &lt;city&gt;, &lt;ctry&gt;:</b>	71 Loyola Bay Winnipeg, Manitoba R3T 3J7 CA		
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<b>Customer type:</b>	Inventor	<b>Status:</b>	0
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<b>Name &lt;snm&gt;:</b>	Taylor, Gillian Claire	<b>EPO number of the customer &lt;iid&gt;:</b>	101240696
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<b>Address &lt;street&gt;, &lt;city&gt;, &lt;ctry&gt;:</b>	Reddie & Grose LLP The White Chapel Building 10 Whitechapel High Street London E1 8QS GB		
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<b>Customer type:</b>	Attorney / Agent	<b>Status:</b>	0
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<b>Name &lt;snm&gt;:</b>	YAKANDAWALA, Nandadeva	<b>EPO number of the customer &lt;iid&gt;:</b>	
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<b>Address &lt;street&gt;, &lt;city&gt;, &lt;ctry&gt;:</b>	157 Kinlock Lane Winnipeg, Manitoba R3T 6B1 CA		
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<b>Customer type:</b>	Inventor	<b>Status:</b>	0
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**Opposition <B780>:**  
No opposition.

**Designated countries <B840>:**

<b>Kind of document &lt;B130&gt;:</b>	<b>Date of publication &lt;B140&gt;:</b>	<b>Country code &lt;B840&gt;&lt;ctry&gt;:</b>
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B1	2022.06.15	NO
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**PCT <B860>&<B870>:**

<b>Kind of document &lt;B130&gt;:</b>	B1		
<b>PCT Application number &lt;B861&gt;&lt;anum&gt;:</b>	CA2015050599	<b>Date of filing &lt;B861&gt;&lt;date&gt;:</b>	2015.06.26
<b>PCT Publication number &lt;B871&gt;&lt;pnum&gt;:</b>	WO2015196299	<b>Publication date &lt;B871&gt;&lt;date&gt;:</b>	2015.12.30
<b>Issue number of the Gazette &lt;B871&gt;&lt;bnum&gt;:</b>	201552	<b>Country code &lt;B862&gt;:</b>	en

**Citations <B560>:**

<b>Kind of document &lt;B130&gt;:</b>	<b>Type &lt;B561&gt; or &lt;B562&gt;:</b>	<b>Text &lt;B561&gt;&lt;text&gt; or &lt;B562&gt;&lt;text&gt;:</b>
B1	PT citation	WO-A1-2005/097067
B1	PT citation	WO-A1-2013/063695
B1	PT citation	WO-A1-2014/134701
B1	PT citation	WO-A1-2014/160579
B1	PT citation	WO-A2-03/047341
B1	PT citation	WO-A2-2014/100777
B1	Non PT citation	R.M.Q. SHANKS ET AL.: 'Catheter lock solutions influence staphylococcal biofilm formation on abiotic surfaces' NEPHROL. DIAL TRANSPLANT vol. 21, no. 8, 20 April 2006, ISSN

		0931-0509 pages 2247 - 2255, XP055019128
B1	Non PT citation	Anon: "Ethylenediaminetetracetic acid", Wikipedia, 12 February 2003 (2003-02-12), XP055611599, Retrieved from the Internet: URL:https://en.wikipedia.org/wiki/Ethylene_diaminetetraacetic_acid [retrieved on 2019-08-07]
B1	Non PT citation	RODNEY M. DONLAN: "Biofilm Formation: A Clinically Relevant Microbiological Process", CLINICAL INFECTIOUS DISEASES, vol. 33, no. 8, 15 October 2001 (2001-10-15), pages 1387-1392, XP055769885, US ISSN: 1058-4838, DOI: 10.1086/322972