

**General:**

- Id of document version: **38148026**
- 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,20240620**
- Publication number of the document (EPO or WIPO) <B110>: **3525733**
- Kind of document <B130>: **B1**
- EPO Application number <B210>: **17781124.7**
- Application filing date <B220>: **2017.10.10**
- 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- Date of application deemed withdrawn 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>: **2019.08.21**
- 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>: **2023.06.28**
- Number of the EPO Bulletin in which the mention of the grant is published. <B450><bnum>: **202326**
- Date of rejection of the opposition procedure <B787>:
- Date of termination of the opposition procedure <B788>:
- Due date for translation: **2023.09.28**
- Text when the inventor has agreed to waive his entitlement to designation. <B009EP><text[jj]>:
- Date of reception of document: **2024.07.26**
- Date of publication <B140>: **2024.07.24**

**Priority <B300>:**

<b>Number(s) assigned to priority application(s) &lt;B310&gt;:</b>	<b>Date(s) of filing of priority application(s) &lt;B320&gt;:</b>	<b>National property office allotting the priority application number or the organization allotting the regional priority application Number (WO for PCT) – country code &lt;B330&gt;:</b>
	2016.10.11	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>
A61B 90/00 20160101ALI20180420BHEP	8
A61F 6/14 20060101AFI20180420BHEP	8
A61F 6/18 20060101ALI20180420BHEP	8

**Title <B540>:**

No title.

**Division <B620> or <B620EP>:**

No division.

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

<b>Name &lt;snm&gt;:</b>	Bayer Oy	<b>EPO number of the customer &lt;iid&gt;:</b>	101237755
<b>Address &lt;street&gt;, &lt;city&gt;, &lt;ctry&gt;:</b>	Pansiontie 47 20210 Turku FI		
<b>Customer type:</b>	Grantees	<b>Status:</b>	0

<b>Name &lt;snm&gt;:</b>	BIP Patents	<b>EPO number of the customer &lt;iid&gt;:</b>	101467007
<b>Address &lt;street&gt;, &lt;city&gt;, &lt;ctry&gt;:</b>	c/o Bayer Intellectual Property GmbH Alfred-Nobel-Straße 50 40789 Monheim am Rhein DE		

<b>Customer type:</b>	Attorney / Agent	<b>Status:</b>	0
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<b>Name &lt;snm&gt;:</b>	EL SAYED, Karym	<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>	Garibaldistraße 28 13158 Berlin DE		
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<b>Customer type:</b>	Inventor	<b>Status:</b>	0
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<b>Name &lt;snm&gt;:</b>	JALKANEN, Tero	<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>	Oy Tiilentekijänkatu 3 a B 40 20810 Turku FI		
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<b>Customer type:</b>	Inventor	<b>Status:</b>	0
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<b>Name &lt;snm&gt;:</b>	MIKKONEN, Joonas	<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>	Kiiskikuja 6 A 1 37550 Lempäälä FI		
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<b>Customer type:</b>	Inventor	<b>Status:</b>	0
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<b>Name &lt;snm&gt;:</b>	TJÄDER, Taina	<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>	Koriston rantatie 31 20760 Piispanristi FI		
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<b>Customer type:</b>	Inventor	<b>Status:</b>	0
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<b>Name &lt;snm&gt;:</b>	VIRTANEN, Mikko	<b>EPO number of the customer &lt;iid&gt;:</b>	
<b>Address &lt;street&gt;, &lt;city&gt;, &lt;ctry&gt;:</b>	Nuutintie 5 24800 Halikko FI		
<b>Customer type:</b>	Inventor	<b>Status:</b>	0

**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>
B1	2024.07.24	NO

**PCT <B860>&<B870>:**

<b>Kind of document &lt;B130&gt;:</b>	B1		
<b>PCT Application number &lt;B861&gt;&lt;anum&gt;:</b>	EP2017075759	<b>Date of filing &lt;B861&gt;&lt;date&gt;:</b>	2017.10.10
<b>PCT Publication number &lt;B871&gt;&lt;pnum&gt;:</b>	WO2018069285	<b>Publication date &lt;B871&gt;&lt;date&gt;:</b>	2018.04.19
<b>Issue number of the Gazette &lt;B871&gt;&lt;bnum&gt;:</b>	201816	<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	EP-A2- 2 772 206
B1	PT citation	WO-A1-2010/031900
B1	PT citation	WO-A1-2016/125176
B1	PT citation	WO-A2-2007/137304