

**General:**

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- Status of the document <ep-bulletin>: **Replacement of data for an application already published**
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- Publication number of the document (EPO or WIPO) <B110>: **2801382**
- Kind of document <B130>: **B1**
- EPO Application number <B210>: **14165994.6**
- Application filing date <B220>: **2014.04.25**
- 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- Date of application deemed withdrawn 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>: **2014.11.12**
- 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>: **2018.06.06**
- Number of the EPO Bulletin in which the mention of the grant is published. <B450><bnum>: **201823**
- Date of rejection of the opposition procedure <B787>:
- Date of termination of the opposition procedure <B788>:
- Due date for translation: **2018.09.06**
- Text when the inventor has agreed to waive his entitlement to designation. <B009EP><text[jj]>:
- Date of reception of document: **2019.12.21**
- Date of publication <B140>: **2019.12.18**

**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>:
	2013.05.07	DE

**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>
A61M 5/315 20060101AFI20140808BHEP	8

**Title <B540>:**

No title.

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

No division.

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

<b>Name &lt;snm&gt;:</b>	Braun, Thomas	<b>EPO number of the customer &lt;iid&gt;:</b>	
<b>Address &lt;street&gt;, &lt;city&gt;, &lt;ctry&gt;:</b>	Faunapark 2a 95032 Hof DE		
<b>Customer type:</b>	Inventor	<b>Status:</b>	0

<b>Name &lt;snm&gt;:</b>	Eichelkraut, Gero	<b>EPO number of the customer &lt;iid&gt;:</b>	
<b>Address &lt;street&gt;, &lt;city&gt;, &lt;ctry&gt;:</b>	Hermannstaedter Str. 1 01279 Dresden DE		
<b>Customer type:</b>	Inventor	<b>Status:</b>	0

<b>Name &lt;snm&gt;:</b>	Krimmel, Mirko	<b>EPO number of the customer &lt;iid&gt;:</b>	
<b>Address &lt;street&gt;, &lt;city&gt;, &lt;ctry&gt;:</b>	Abtsgrund 12 36088 Hünfeld		

	DE		
<b>Customer type:</b>	Inventor	<b>Status:</b>	0

<b>Name &lt;snm&gt;:</b>	Rau, Schneck & Hübner Patentanwälte Rechtsanwälte PartGmbH	<b>EPO number of the customer &lt;iid&gt;:</b>	101189752
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<b>Address &lt;street&gt;, &lt;city&gt;, &lt;ctry&gt;:</b>	Königstraße 2 90402 Nürnberg DE		
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<b>Customer type:</b>	Attorney / Agent	<b>Status:</b>	0
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<b>Name &lt;snm&gt;:</b>	RAUMEDIC AG	<b>EPO number of the customer &lt;iid&gt;:</b>	100961152
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<b>Address &lt;street&gt;, &lt;city&gt;, &lt;ctry&gt;:</b>	95213 Münchberg DE		
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<b>Customer type:</b>	Grantees	<b>Status:</b>	0
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<b>Name &lt;snm&gt;:</b>	Skaper, Frank	<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>	Ringstraße 10 95191 Leupoldsgrün DE		
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<b>Customer type:</b>	Inventor	<b>Status:</b>	0
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<b>Name &lt;snm&gt;:</b>	Spindler, Bernd	<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>	Rieslingweg 6 95233 Helmbrechts DE		
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<b>Customer type:</b>	Inventor	<b>Status:</b>	0
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<b>Name &lt;snm&gt;:</b>	Vogt, Andreas	<b>EPO number of the customer &lt;iid&gt;:</b>	
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<b>Address &lt;street&gt;:</b>	Am Wasser 13		
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<b>&lt;city&gt;, &lt;ctry&gt;:</b>	36419 Geisa DE		
<b>Customer type:</b>	Inventor	<b>Status:</b>	0

<b>Name &lt;snm&gt;:</b>	Witzel, Dirk	<b>EPO number of the customer &lt;iid&gt;:</b>	
<b>Address &lt;street&gt;, &lt;city&gt;, &lt;ctry&gt;:</b>	An der Schönen Fulda 10 36124 Eichenzell DE		
<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	2019.12.18	NO

**PCT <B860>&<B870>:**  
No PCT.

**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-A1- 1 459 776
B1	PT citation	EP-A1- 2 570 145
B1	PT citation	US-A1- 2012 316 509