

**General:**

- Id of document version: **28044848**
- 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,20211029**
- Publication number of the document (EPO or WIPO) <B110>: **3486371**
- Kind of document <B130>: **B1**
- EPO Application number <B210>: **18382702.1**
- Application filing date <B220>: **2018.10.04**
- 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- Date of application deemed withdrawn 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>: **2019.05.22**
- 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>: **2021.03.17**
- Number of the EPO Bulletin in which the mention of the grant is published. <B450><bnum>: **202111**
- Date of rejection of the opposition procedure <B787>:
- Date of termination of the opposition procedure <B788>:
- Due date for translation: **2021.06.17**
- Text when the inventor has agreed to waive his entitlement to designation. <B009EP><text[j]>:
- Date of reception of document: **2021.12.03**
- Date of publication <B140>: **2021.12.01**

**Priority <B300>:**

**No priority.**

**Lapse <B472>:**

**No lapse.**

**Classification <B500>:**

IPC (8) as one fixed length field of 50 positions <B510EP><text>:	Edition of IPC (IPC version) <B516>:
A63G 7/00 20060101ALI20190207BHEP	8
A63G 21/14 20060101ALI20190207BHEP	8
E01B 23/06 20060101AFI20190207BHEP	8

E01B 25/12 20060101ALI20190207BHEP	8
------------------------------------	---

**Title <B540>:**  
No title.

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

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

<b>Name &lt;snm&gt;:</b>	Hernandez Lehmann, Aurelio	<b>EPO number of the customer &lt;iid&gt;:</b>	101714047
<b>Address &lt;street&gt;, &lt;city&gt;, &lt;ctry&gt;:</b>	Lehmann & Fernandez, S.L. Calle Álvarez de Baena, 4 28006 Madrid ES		
<b>Customer type:</b>	Attorney / Agent	<b>Status:</b>	0

<b>Name &lt;snm&gt;:</b>	SÁENZ LÖBSACK, Daniel	<b>EPO number of the customer &lt;iid&gt;:</b>	
<b>Address &lt;street&gt;, &lt;city&gt;, &lt;ctry&gt;:</b>	c/ Cantalejo 6 28035 MADRID ES		
<b>Customer type:</b>	Inventor	<b>Status:</b>	0

<b>Name &lt;snm&gt;:</b>	Spinswitch Technologies, S.L.	<b>EPO number of the customer &lt;iid&gt;:</b>	101888589
<b>Address &lt;street&gt;, &lt;city&gt;, &lt;ctry&gt;:</b>	Cantalejo nº 6, 3-C 28035 Madrid ES		
<b>Customer type:</b>	Grantees	<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	2021.12.01	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	CN-A- 108 660 871
B1	PT citation	DE-U1- 9 302 337
B1	PT citation	GB-A- 1 404 648
B1	PT citation	WO-A1-2006/133468