

**General:**

- Id of document version: **5642086**
- 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,20150410**
- Publication number of the document (EPO or WIPO) <B110>: **2530390**
- Kind of document <B130>: **B1**
- EPO Application number <B210>: **11004501.0**
- Application filing date <B220>: **2011.06.01**
- 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- Date of application deemed withdrawn 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>: **2012.12.05**
- 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>: **2013.07.24**
- Number of the EPO Bulletin in which the mention of the grant is published. <B450><bnum>: **201330**
- Date of rejection of the opposition procedure <B787>:
- Date of termination of the opposition procedure <B788>:
- Due date for translation: **2013.10.24**
- Text when the inventor has agreed to waive his entitlement to designation. <B009EP><text[j]>:
- Date of reception of document: **2015.05.15**
- Date of publication <B140>: **2015.05.13**

**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>: |
|-------------------------------------------------------------------|--------------------------------------|
| F24D 19/10 20060101AFI20110901BHEP                                | 8                                    |

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

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

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

|                                                            |                     |                                                |           |
|------------------------------------------------------------|---------------------|------------------------------------------------|-----------|
| <b>Name &lt;snm&gt;:</b>                                   | Danfoss A/S         | <b>EPO number of the customer &lt;iid&gt;:</b> | 100107106 |
| <b>Address &lt;street&gt;, &lt;city&gt;, &lt;ctry&gt;:</b> | 6430 Nordborg<br>DK |                                                |           |
| <b>Customer type:</b>                                      | Grantees            | <b>Status:</b>                                 | 0         |

|                                                            |                                     |                                                |   |
|------------------------------------------------------------|-------------------------------------|------------------------------------------------|---|
| <b>Name &lt;snm&gt;:</b>                                   | Gammeljord, Peter                   | <b>EPO number of the customer &lt;iid&gt;:</b> |   |
| <b>Address &lt;street&gt;, &lt;city&gt;, &lt;ctry&gt;:</b> | Hornemansvej 23<br>7100 Vejle<br>DK |                                                |   |
| <b>Customer type:</b>                                      | Inventor                            | <b>Status:</b>                                 | 0 |

|                                                            |                                                                                           |                                                |           |
|------------------------------------------------------------|-------------------------------------------------------------------------------------------|------------------------------------------------|-----------|
| <b>Name &lt;snm&gt;:</b>                                   | Knoblauch, Andreas                                                                        | <b>EPO number of the customer &lt;iid&gt;:</b> | 101187160 |
| <b>Address &lt;street&gt;, &lt;city&gt;, &lt;ctry&gt;:</b> | Patentanwälte Dr. Knoblauch PartGmbB Schlosserstrasse 23<br>60322 Frankfurt am Main<br>DE |                                                |           |
| <b>Customer type:</b>                                      | Attorney / Agent                                                                          | <b>Status:</b>                                 | 0         |

|                                                            |                                       |                                                |  |
|------------------------------------------------------------|---------------------------------------|------------------------------------------------|--|
| <b>Name &lt;snm&gt;:</b>                                   | Misztal, Leszek                       | <b>EPO number of the customer &lt;iid&gt;:</b> |  |
| <b>Address &lt;street&gt;, &lt;city&gt;, &lt;ctry&gt;:</b> | Tyttebaervej 3<br>8220 Brabrand<br>DK |                                                |  |

|                       |          |                |   |
|-----------------------|----------|----------------|---|
| <b>Customer type:</b> | Inventor | <b>Status:</b> | 0 |
|-----------------------|----------|----------------|---|

|                                                            |                                      |                                                |   |
|------------------------------------------------------------|--------------------------------------|------------------------------------------------|---|
| <b>Name &lt;snm&gt;:</b>                                   | Munch, Lars                          | <b>EPO number of the customer &lt;iid&gt;:</b> |   |
| <b>Address &lt;street&gt;, &lt;city&gt;, &lt;ctry&gt;:</b> | Trelle Ager 46<br>6580 Vamdrup<br>DK |                                                |   |
| <b>Customer type:</b>                                      | Inventor                             | <b>Status:</b>                                 | 0 |

|                                                            |                                   |                                                |   |
|------------------------------------------------------------|-----------------------------------|------------------------------------------------|---|
| <b>Name &lt;snm&gt;:</b>                                   | Soerensen, Bent                   | <b>EPO number of the customer &lt;iid&gt;:</b> |   |
| <b>Address &lt;street&gt;, &lt;city&gt;, &lt;ctry&gt;:</b> | Lysningen 6<br>7190 Billund<br>DK |                                                |   |
| <b>Customer type:</b>                                      | Inventor                          | <b>Status:</b>                                 | 0 |

#### Opposition <B780>:

|                                                                                                |                                       |                                                                                                                                                                                                  |            |
|------------------------------------------------------------------------------------------------|---------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|
| <b>Serial number of the opposition &lt;B781&gt;&lt;dnum&gt;:</b>                               | 01                                    | <b>Date of opposition, Date of receipt for 'filed' and 'admissible' oppositions, Date of legal effect for 'inadmissible' and 'deemed not, to be filed' oppositions &lt;B781&gt;&lt;date&gt;:</b> | 2014.04.10 |
| <b>Kind code of the result from the examination on admissibility &lt;B781&gt;&lt;kind&gt;:</b> | Admissible opposition                 |                                                                                                                                                                                                  |            |
| <b>Name of Opponent &lt;B781&gt;&lt;snm&gt;:</b>                                               | Möhlenhoff GmbH                       | <b>EPO number of the Opponent &lt;B781&gt;&lt;iid&gt;:</b>                                                                                                                                       | 101450570  |
| <b>Address of Opponent</b>                                                                     | Museumstrasse 54a<br>38229 Salzgitter |                                                                                                                                                                                                  |            |

|                                                                                                      |                                                |                                                              |           |
|------------------------------------------------------------------------------------------------------|------------------------------------------------|--------------------------------------------------------------|-----------|
| <b>&lt;B781&gt;&lt;addr&gt;&lt;street&gt;, &lt;city&gt;, &lt;ctry&gt;:</b>                           |                                                |                                                              |           |
| <b>Name of Attorney/Agent of the opponent &lt;B784&gt;&lt;snm&gt;:</b>                               | Döring, Roger                                  | <b>EPO number of Attorney/Agent &lt;B784&gt;&lt;iid&gt;:</b> | 100001433 |
| <b>Address of Attorney/Agent &lt;B784&gt;&lt;addr&gt;&lt;street&gt;, &lt;city&gt;, &lt;ctry&gt;:</b> | Patentanwalt Weidenkamp 2<br>30855 Langenhagen |                                                              |           |

**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                                    | 2015.05.13                               | 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                               | WO-A2-2010/095092                                                 |
| B1                                    | PT citation                               | WO-A2-2010/095093                                                 |
| B1                                    | PT citation                               | DE-A1-102008 051 275                                              |
| B1                                    | PT citation                               | FR-A1- 2 521 696                                                  |
| B1                                    | PT citation                               | GB-A- 2 468 343                                                   |
| B1                                    | PT citation                               | US-A1- 2002 060 251                                               |