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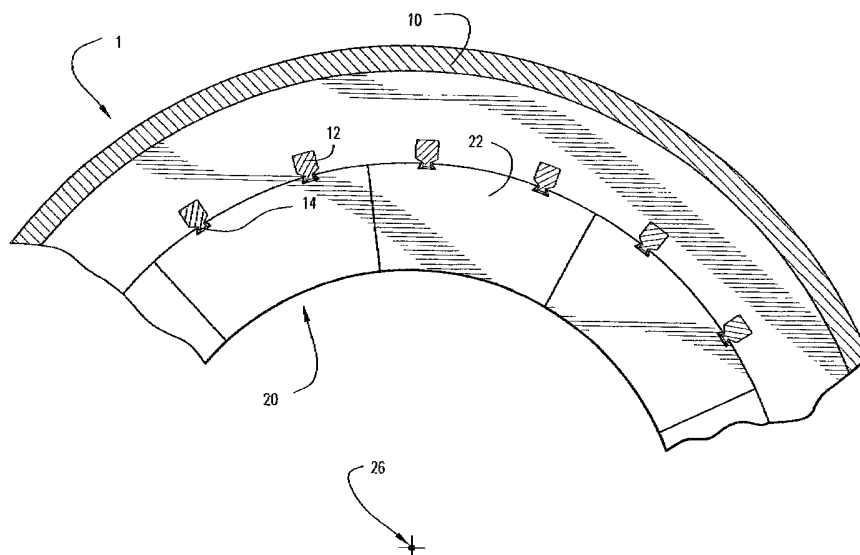
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(54) Title: GROUNDING OF STATOR CORE TO STATOR FRAME



(57) Abstract: A stator (1) comprises a stator frame (10), a stator core (20) and a spring (30, 40, 50). The stator core (20) includes at least one lamination (22) having a dovetail slot (24) formed therein. A key bar (12) is connected to the stator frame (10) and includes a dovetail (14) for engaging the dovetail slot (24). The spring (30, 40, 50) is coupled between a portion of the lamination (22) and the dovetail (14) to provide an electrical ground path between the stator core (20) and the stator frame (10). The spring (30) includes a leaf spring (32) that has first and second ends (32b, 32c) which contact the dovetail (14) and a central portion (32a). the central portion (32a) is connected to a base portion (37) which contacts the lamination (22). Alternatively, the spring (40, 50) includes a base portion (42, 52) that contacts the lamination (22) and prongs (44, 54) which project from the base portion (42, 52) and contact the dovetail (14).

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INTERNATIONAL SEARCH REPORT

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<p>A. CLASSIFICATION OF SUBJECT MATTER IPC 7 H02K5/22 H02K1/18</p>												
<p>According to International Patent Classification (IPC) or to both national classification and IPC</p>												
<p>B. FIELDS SEARCHED</p>												
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<p>Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched</p>												
<p>Electronic data base consulted during the international search (name of data base and, where practical, search terms used) EPO-Internal, WPI Data, PAJ</p>												
<p>C. DOCUMENTS CONSIDERED TO BE RELEVANT</p>												
Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.										
X	DE 906 475 C (BROWN, BOVERI & CIE AKTIENGESELLSCHAFT) 15 March 1954 (1954-03-15) page 1, line 34 -page 2, line 57; figures 1,2	1-3										
A	US 4 634 909 A (BREM) 6 January 1987 (1987-01-06) abstract column 4, line 58-64; figures 1-3	1-3										
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<p><input checked="" type="checkbox"/> Further documents are listed in the continuation of box C. <input checked="" type="checkbox"/> Patent family members are listed in annex.</p>												
<p>° Special categories of cited documents :</p> <table border="0"> <tr> <td>*A* document defining the general state of the art which is not considered to be of particular relevance</td> <td>*T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention</td> </tr> <tr> <td>*E* earlier document but published on or after the international filing date</td> <td>*X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone</td> </tr> <tr> <td>*L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)</td> <td>*Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.</td> </tr> <tr> <td>*O* document referring to an oral disclosure, use, exhibition or other means</td> <td>*&* document member of the same patent family</td> </tr> <tr> <td>*P* document published prior to the international filing date but later than the priority date claimed</td> <td></td> </tr> </table>			*A* document defining the general state of the art which is not considered to be of particular relevance	*T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention	*E* earlier document but published on or after the international filing date	*X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone	*L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	*Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.	*O* document referring to an oral disclosure, use, exhibition or other means	*&* document member of the same patent family	*P* document published prior to the international filing date but later than the priority date claimed	
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L document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	*Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.											
O document referring to an oral disclosure, use, exhibition or other means	*&* document member of the same patent family											
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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 4 916 803 A (ESTRADA) 17 April 1990 (1990-04-17) column 1, line 9-55 column 3, line 8-42; figures 1-3 -----	1

INTERNATIONAL SEARCH REPORT
Information on patent family members

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