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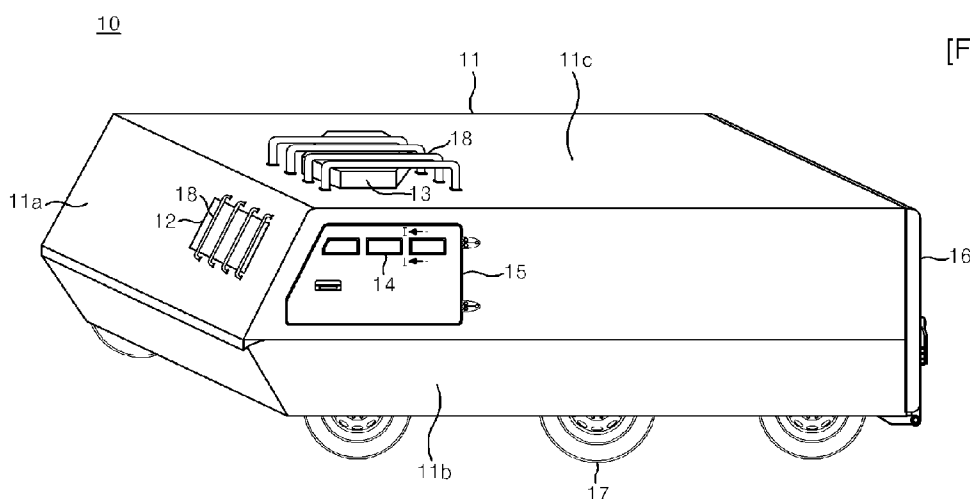
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(54) Title: VEHICLE SYSTEM HAVING VERTICAL TYPE TRACK



[Fig. 1]

(57) Abstract: A vehicle system can drive in a high temperature external environment. The vehicle system includes a wheel covered with a tire and a vertical caterpillar including a vertically- arranged sprocket, a vertically- arranged idler wheel and a crawler surrounding the sprocket and the idler wheel to form a closed loop.

**A. CLASSIFICATION OF SUBJECT MATTER*****B62D 55/04(2006.01)i***

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

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Korean Utility models and applications for Utility models since 1975

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eKIPASS(KIPO internal) &amp; keywords "caterpillar", "crawler", "lifting"

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

| Category* | Citation of document, with indication, where appropriate, of the relevant passages                               | Relevant to claim No. |
|-----------|------------------------------------------------------------------------------------------------------------------|-----------------------|
| A         | JP 08-239065 A ( NIPPON KOGAKU KK ) 17 September 1996<br>See Claims 1-7 and Figures 1-2.                         | 1-6                   |
| A         | KR 10-1999-0082371 A (LANSBERRY JOHN B ) 25 November 1999<br>See Claims 1-7 and Figures 1-2.                     | 1                     |
| A         | KR 10-2001-0052261 A (TRACT-A-PILLAR TRACTOR CO., INC. ) 25 June 2001<br>See Claims 1-2, 5-7 and Figures 1, 32 . | 1                     |

☐ Further documents are listed in the continuation of Box C.☒ See patent family annex.

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|-------------------------------------------|---------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| JP 08-239065 A                            | 17 September 1996   | None                                                                                                                                                                                                                                 |                                                                                                                                                                                                  |
| KR 10-1999-0082371 A                      | 25 November 1999    | AU 1840797 A<br>AU 1997-18407 B2<br>AU 710456 B2<br>BR 9707393 A<br>CA 2245687 A1<br>CN 1071654 C<br>CN 1210493 A<br>CN 1210493<br>EP 0881978 A1<br>EP 0881978 A4<br>JP 2000-505384<br>NZ 331512 A<br>US 5615748 A<br>WO 97-29006 A1 | 28.08.1997<br>28.08.1997<br>23.09.1999<br>04.01.2000<br>14.08.1997<br>26.09.2001<br>10.03.1999<br>10.03.1999<br>09.12.1998<br>25.04.2001<br>09.05.2000<br>26.05.2000<br>01.04.1997<br>14.08.1997 |
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