## (2)

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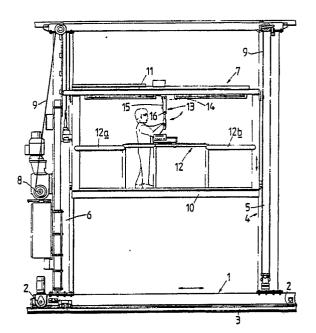
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#### (54) A control unit for a man-rider crane.

a chassis 1 movable horizontally and an operators cab 7 movable in a vertical direction relative to the chassis 1, the control unit being a pendant control 13 adapted to depend from the roof 11 of the cab and being movable between a stowed position 14 clear of an operator and a depending operative position, the control having two manually operable control members 18, 19 operable respectively to control the positioning of the crane and the operators cab relative thereto. The control members are such that movement of the cab and/or crane is possible only when the operator moves both of the control members 18, 19 from a neutral position to which the members are resilient biassed by a torsion spring

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## **EUROPEAN SEARCH REPORT**

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|          | DOCUMENTS CONST  | DERED TO BE RELEV              | ANT                  |   |
|----------|--|--------------------------------|----------------------|---|
| Category | Citation of decument with in                                       | dication, where appropriate,   | Relevant<br>to claim | CLASSIFICATION OF THE APPLICATION (Int. Cl.4) |
| A        | AT-B- 354 937 (LOO<br>* page 2, lines 39-                          | CKER)<br>50; figure 1 *        | 1                    | B 66 C 13/56<br>B 66 F 9/24                   |
| A        | US-A-3 033 392 (BAI<br>* column 3, lines 19<br>lines 19-46; figure | 9-47; column 4,                | 1                    |   |
| A        | DE-B-1 026 942 (MA<br>AUGSBURG-NUERNBERG)<br>* column 2, lines 2   |                                | 1,6                  |   |
| A        | US-A-3 237 780 (BU<br>* column 2, line 44<br>17; figures 1,3 *     | RNETT)<br>- column 3, line     | 1,10                 |   |
|          |  |                                |                      |   |
|          |  |                                |                      | TECHNICAL FIELDS<br>SEARCHED (Int. Cl.4)      |
|          |  | ·                              | ·                    | B 66 C<br>B 66 F<br>F 16 P<br>H 01 H          |
|          |  |                                |                      |   |
|          | The present search report has b                                    | oeen drawn up for all claims   |                      |   |
|          | Place of search  | Date of completion of the sear | 1                    | Examiner TERMAYER W G                         |
| BERLIN   |  | 16-05-1990                     |                      |   |

# CATEGORY OF CITED DOCUMENTS

X: particularly relevant if taken alone
Y: particularly relevant if combined with another document of the same category
A: technological background
O: non-written disclosure
P: intermediate document

T: theory or principle underlying the invention
E: earlier patent document, but published on, or after the filing date
D: document cited in the application
L: document cited for other reasons

<sup>&</sup>amp;: member of the same patent family, corresponding document