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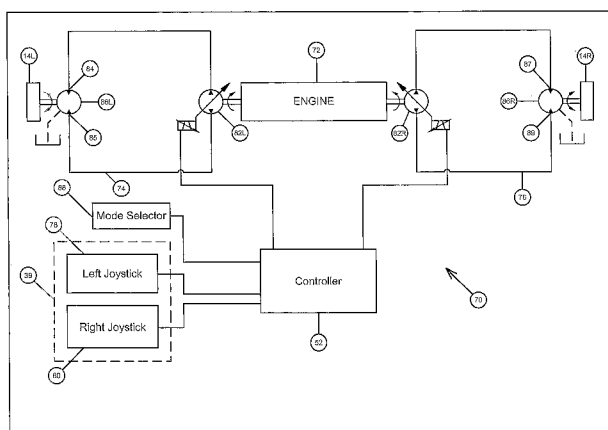
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(88) Date of publication of the international search report:

3 May 2007

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: VARIABLE RESOLUTION CONTROL SYSTEM



(57) Abstract: The present disclosure is directed to a control system (50) for a power machine (10) that provides selected resolution of the adjusted speed control (70) and other controls, such as attachment controls, to provide more options to the operator for fine positioning. The present disclosure includes a control system (50) for a power machine (10). The power machine (10) has a full speed. The control system (50) has an adjustable propulsion controller (92) that an operator can position along a range of movement. Examples of the adjustable propulsion controller (92) that an operator can position along a range of movement. Examples of the adjustable propulsion controller (92) include a joystick or an accelerator. The position of the propulsion controller (92) along the range of movement selects the speed of the power machine (10) between a first speed and a second speed, where the first speed is greater than the second speed. The first speed is selectable from a plurality of percentages of the full spread.

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INTERNATIONAL SEARCH REPORT

International application No.

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A. CLASSIFICATION OF SUBJECT MATTER

IPC: B60K 17/00(2006.01);17/14(2006.01);F16D 31/02(2006.01);G06F 19/00(2006.01)

USPC: 180/305,307,308;60/446;701/50,70

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

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

U.S. : 180/305,307,308;60/446;701/50,70

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

| Category * | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
|------------|--|-----------------------|
| X | US 2002/0121399 (Bohrer) 5 September 2002 (05.09.2002), entire document, particularly Figure 1 and Paragraphs [0005] and [0019]. | 1-2 and 6-12 |
| --- | | ----- |
| Y | | 3-5 |
| Y | US 4,620,575 (Cuba et al.) 04 November 1986 (04.11.1986), Figure 1, Columns 3-4. | 3-5 |
| A | US 5,553,453 (Coutant et al.) 10 September 1996 (10.09.1996), entire document. | 1-18 |

☐ Further documents are listed in the continuation of Box C.

☐ See patent family annex.

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