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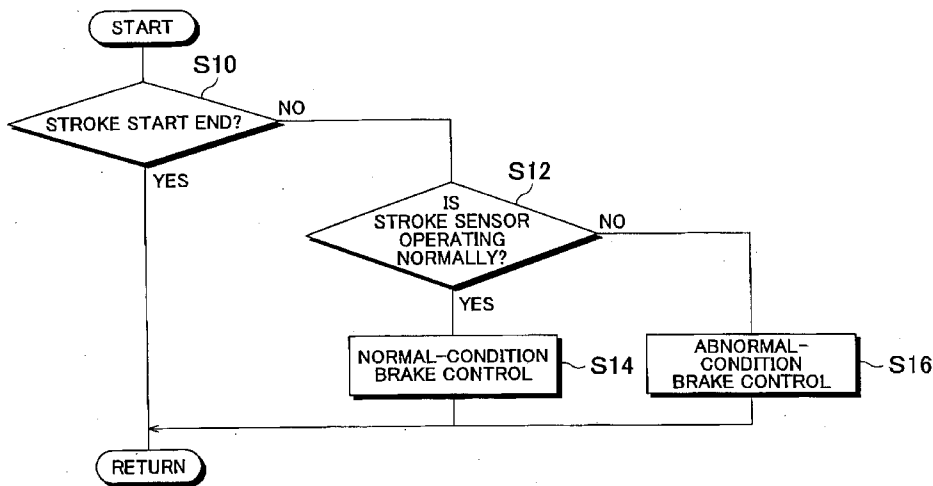
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(54) Title: STROKE SENSOR ABNORMALITY DETERMINING DEVICE AND DETERMINING METHOD, AND BRAKE CONTROL DEVICE AND METHOD

FIG. 6



(57) Abstract: In a stroke sensor abnormality determining device, a stroke sensor (46) detects the stroke of a brake pedal (12) by detecting a voltage that varies in accordance with the stroke of the brake pedal (12). An abnormality determining section (104) determines whether an abnormality has occurred in the stroke sensor on the basis of the voltage detected by the stroke sensor. A pedal position determining section (106) determines whether the brake pedal (12) is positioned near a stroke start end. If it is determined that the brake pedal (12) is positioned near the stroke start end, the abnormality determining section (104) does not determine that an abnormality has occurred in the stroke sensor (46).

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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER

INV. B60T7/04 B60T8/32 B60T8/40 B60T8/34 B60T17/22

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)
B60T

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 practical, search terms used)

EPO-Internal, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	JP 11 301463 A (TOYOTA MOTOR CORP) 2 November 1999 (1999-11-02) cited in the application the whole document	1, 11, 13, 14, 15, 16
A	JP 2005 343186 A (TOYOTA MOTOR CORP) 15 December 2005 (2005-12-15) abstract	1, 11, 13, 14, 15, 16

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INTERNATIONAL SEARCH REPORT

Information on patent family members

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Patent document cited in search report		Publication date		Patent family member(s)		Publication date
JP 11301463	A	02-11-1999	JP	3899669 B2		28-03-2007
JP 2005343186	A	15-12-2005	CN	1704295 A		07-12-2005