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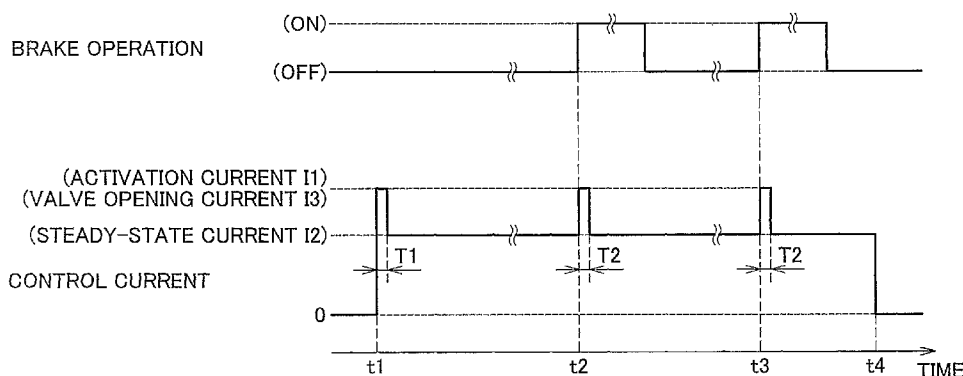
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(54) Title: BRAKE APPARATUS, BRAKE CONTROL APPARATUS, AND BRAKE CONTROL METHOD

FIG. 2



(57) Abstract: In a brake apparatus, an activation current (I1) for opening a simulator cut valve from a closed state is applied, whereupon a steady-state current (I2) is applied continuously to maintain the open state. A brake control apparatus and a brake control method are employed to perform control in which a valve opening current (I3), which is higher than the steady-state current (I2), is applied to the simulator cut valve every time a brake pedal is depressed. Thus, in a brake apparatus including a switch valve that is driven steadily by applying the steady-state current thereto, favorable control responsiveness can be maintained in the switch valve at all times while achieving a reduction in power consumption.

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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER
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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)

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C. DOCUMENTS CONSIDERED TO BE RELEVANT

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X	DE 10 2005 046055 A1 (BOSCH GMBH ROBERT [DE]) 29 March 2007 (2007-03-29)	9, 10, 19, 20, 29, 30
Y	paragraphs [0007] - [0010]	1, 2, 11, 12, 21, 22
A	paragraphs [0021] - [0023]	3-8, 13-18, 23-28
	figures 1-3	
Y	US 2005/275286 A1 (OHMORI TAKAYUKI [JP] ET AL) 15 December 2005 (2005-12-15)	1, 2, 11, 12, 21, 22
	abstract	
	paragraphs [0041] - [0043]	
	figures 1, 3	
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☒ Further documents are listed in the continuation of Box C.

☒ See patent family annex.

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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.
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A	DE 10 2005 056210 A1 (BOSCH GMBH ROBERT [DE]) 31 May 2007 (2007-05-31) paragraphs [0001] - [0014] figures 1,2a -----	1,9,11, 19,21,29

INTERNATIONAL SEARCH REPORT

Information on patent family members

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