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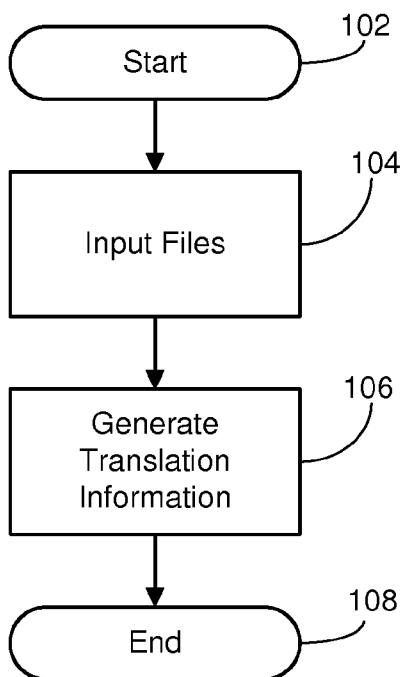
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- (71) Applicant (for all designated States except US): **ROBERT BOSCH GMBH** [DE/DE]; Postfach 30 02 20, 70442 Stuttgart (DE).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): **CATES, Jamey Joseph** [US/US]; 1343 Kensington Drive, Ann Arbor,
- (74) Common Representative: **ROBERT BOSCH GMBH**; Postfach 30 02 20, 70442 Stuttgart (DE).
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[Continued on next page]

(54) Title: ADDRESS TRANSLATION SYSTEM FOR USE IN A SIMULATION ENVIRONMENT



(57) Abstract: Methods and systems for simulation of a testable system are provided in which a virtual testable system is used. One method includes inputting a system definition file into a translation utility, where the system definition file includes a plurality of virtual addresses required for execution of the system definition file in a virtual testable system. The method also includes inputting a memory map file into the translation utility, the memory map representing a physical memory space for a testable system. The method further includes generating translation information by translating the virtual addresses into physical addresses using the memory map file.

Fig. 1

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B. FIELDS SEARCHED

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G06F G05B

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, IBM-TDB

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	CORREA C ET AL: "RAPID PROTOTYPING OF TRICORE SOC WITHOUT CODE CHANGES" VDI BERICHTE, DUESSELDORF, DE, no. 1931, 1 January 2006 (2006-01-01), pages 851-865, XP008079542 ISSN: 0083-5560 the whole document ----- -/--	1-20

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

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European Patent Office, P.B. 5818 Patentlaan 2
 NL - 2280 HV Rijswijk
 Tel. (+31-70) 340-2040,
 Fax: (+31-70) 340-3016

Authorized officer

Kielhöfer, Patrick

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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.
X	<p>OTTERBACH R ET AL: "BYPASSING FUER DIE ZUKUNFT//RAPID CONTROL PROTOTYPING DEVELOPMENT FOR ELECTRONIC AUTOMOBILE CONTROL SYSTEMS" AUTO & ELEKTRONIK, HUETHIG, HEIDELBERG, DE, vol. 35, no. 9, 1 September 2004 (2004-09-01), page 60/61, XP001206920 ISSN: 1439-6556 the whole document</p>	1-20
X	<p>DE 102 28 610 A1 (BOSCH GMBH ROBERT [DE]) 16 January 2003 (2003-01-16) the whole document</p>	1-20
A	<p>ANONYMOUS: "Measurement and Calibration Software for Automotive Electronic Control Units (ECUs)" NATIONAL INSTRUMENTS HOME PAGE, vol. -, no. -, 2006, pages 1-3, XP002497625 Retrieved from the Internet: URL:http://www.ni.com/pdf/products/us/niec_utoolkit.pdf the whole document</p>	1-20
A	<p>US 6 550 052 B1 (JOYCE MARY [US] ET AL) 15 April 2003 (2003-04-15) abstract column 1, last paragraph - column 3, paragraph 3 column 4, paragraph 1 column 5, last paragraph - column 6, paragraph 1</p>	1-20

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
DE 10228610	A1	16-01-2003	NONE
US 6550052	B1	15-04-2003	NONE