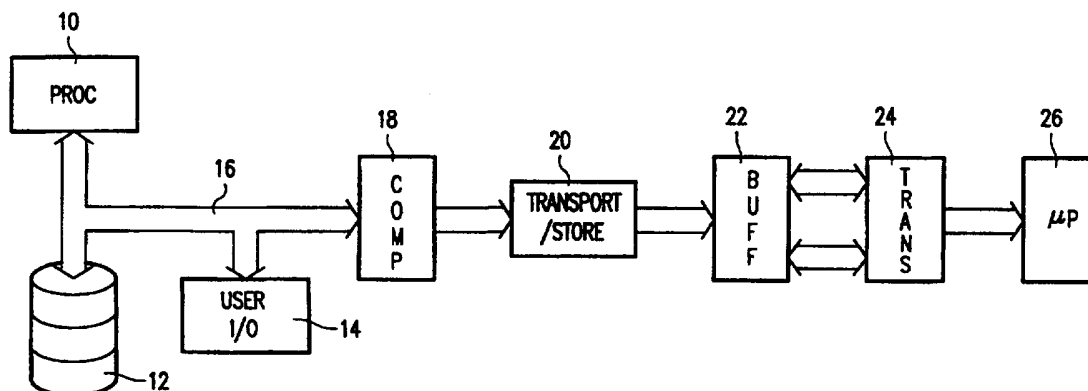




INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

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(21) International Application Number: PCT/IB96/01331 (22) International Filing Date: 3 December 1996 (03.12.96) (30) Priority Data: 9526129.3 21 December 1995 (21.12.95) GB (71) Applicant: PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL). (71) Applicant (for SE only): PHILIPS NORDEN AB [SE/SE]; Kottbygatan 7, Kista, S-164 85 Stockholm (SE). (72) Inventor: HOSKINS, Asher, John; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). (74) Agent: WHITE, Andrew, Gordon; Internationaal Octrooibureau B.V., P.O Box 220, NL-5600 AE Eindhoven (NL).		(81) Designated States: CN, JP, KR, SG, European patent (AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE). Published <i>With international search report.</i> (88) Date of publication of the international search report: 28 August 1997 (28.08.97)

(54) Title: MACHINE CODE FORMAT TRANSLATION**(57) Abstract**

A method and apparatus are described for generating and distributing program code written initially in terms of a virtual processor (at authoring suite 10-18) and then translated (24) to the native code of a target processor (26) system. In order to improve efficiency, the virtual machine code includes pseudo-instructions generated and inserted in the code stream by the compiler stage (18) of the authoring suite. These pseudo-instructions are not translated to the native code of the target processor but instead provide guidance for the operation of the translation process (24) to improve its efficiency.

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INTERNATIONAL SEARCH REPORT

International application No.

PCT/IB 96/01331

A. CLASSIFICATION OF SUBJECT MATTER

IPC6: G06F 9/00

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)

IPC6: G06F

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

SE,DK,FI,NO classes as above

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

WPI

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 0510616 A2 (HITACHI, LTD.), 28 October 1992 (28.10.92), column 4, line 48 - column 9, line 37, claims 1-4, abstract --	1-10
A	IBM Technical Disclosure Bulletin, Volume 21, No 7, December 1978, J.K Allsen et al, "Centralized Code Generation Services" --	1,5-10
A	EP 0464526 A2 (HEWLETT-PACKARD COMPANY), 8 January 1992 (08.01.92), see whole document -- -----	1-10

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

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Date of the actual completion of the international search

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INTERNATIONAL SEARCH REPORT

Information on patent family members

03/06/97

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PCT/IB 96/01331

Patent document cited in search report			Publication date	Patent family member(s)			Publication date
EP	0510616	A2	28/10/92	JP	4322329	A	12/11/92
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