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(74) Agent: DEN BRABER, Gerard, P.; Internationaal Octrooibureau B.V., Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

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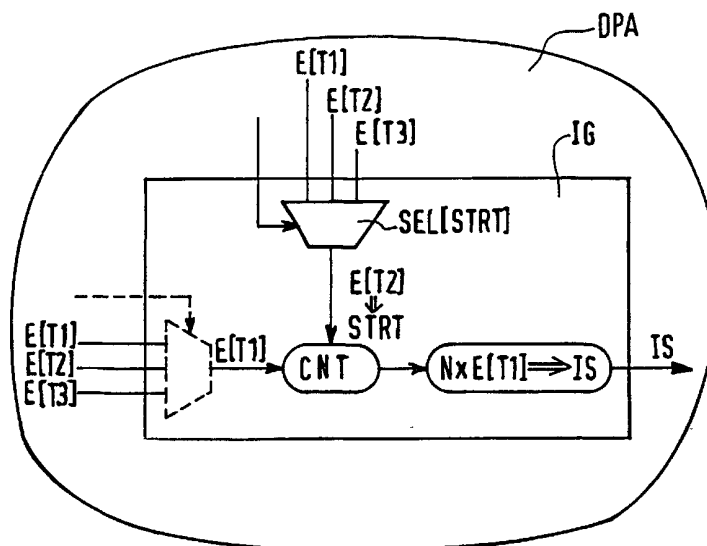
(71) Applicant: KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

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(72) Inventor: DURANTON, Marc; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

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: DATA-PROCESSING ARRANGEMENT INCLUDING AN INTERRUPT GENERATOR



(57) Abstract: A data-processing arrangement (DPA) comprises an interrupt generator (IG). The interrupt generator (IG) carries out a count (CNT) of events (E) of a certain type (T1) occurring in the data-processing arrangement (DPA). The interrupt generator (IG) provides an interrupt signal (IS) when a predefined number (N) of events (E[T1]) has been counted. The interrupt generator (IG) comprises a programmable start-event selector (SEL[STRT]) for selecting a type (T2) of event (E) which starts (STRT) the count (CNT). Accordingly, there is no need for any controller to start the count and, consequently, there is neither any need for a further interrupt generator, nor for a special subroutine to make the controller start the count. Consequently, the data-processing arrangement as summarized hereinbefore yields a better efficiency, either cost-wise or software-wise, or both.



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# INTERNATIONAL SEARCH REPORT

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PCT/EP 00/04605

**A. CLASSIFICATION OF SUBJECT MATTER**  
IPC 7 G06F9/46 G06F11/34

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)  
IPC 7 G06F

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, PAJ, 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	"EVENT TRIGGERED PERFORMANCE MONITORING" IBM TECHNICAL DISCLOSURE BULLETIN,US,IBM CORP. NEW YORK, vol. 37, no. 9, 1 September 1994 (1994-09-01), pages 465-467, XP000473473 ISSN: 0018-8689 the whole document ---	1-3
X	"CASCADED ERROR INJECTION EVENT COUNTERS" IBM TECHNICAL DISCLOSURE BULLETIN,US,IBM CORP. NEW YORK, vol. 37, no. 3, 1 March 1994 (1994-03-01), pages 385-386, XP000441511 ISSN: 0018-8689 the whole document --- -/--	1-3

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2  
NL - 2280 HV Rijswijk  
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  
Fax: (+31-70) 340-3016

Authorized officer

Michel, T

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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.
A	EP 0 897 152 A (DIGITAL EQUIPMENT CORP) 17 February 1999 (1999-02-17) abstract; figure 1 ---	1-3
A	EP 0 395 281 A (DIGITAL EQUIPMENT CORP) 31 October 1990 (1990-10-31) cited in the application abstract -----	1-3

# INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

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Patent document cited in search report	Publication date	Patent family member(s)	Publication date
EP 0897152 A	17-02-1999	US 6112318 A	29-08-2000
EP 0395281 A	31-10-1990	CA 2013735 A	27-10-1990
		JP 2299655 A	11-12-1990