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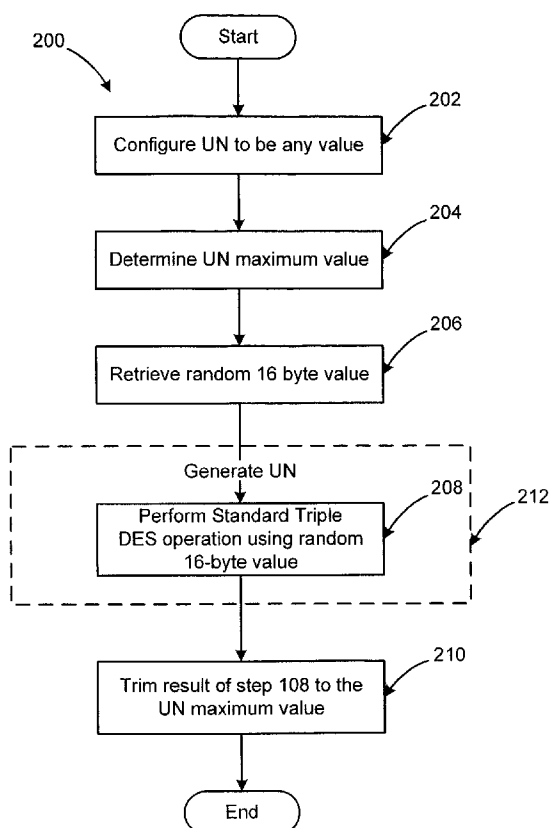
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[Continued on next page]

(54) Title: SYSTEM AND METHOD FOR GENERATING AN UNPREDICTABLE NUMBER USING A SEEDED ALGORITHM



(57) Abstract: A random number generating algorithm is seeded with an unpredictable number. The seed value is computed by subjecting variable data to a Secure Hashing Algorithm, and truncating the right most, or left most, 16 bytes from the message digest generated. The algorithm generates the unpredictable number by using the seed value as a counter value in the random number generator, and performing a data encryption standard operation. In one exemplary embodiment, the unpredictable number is modified to a predetermined maximum unpredictable number value as determined by the sender and receiver of the unpredictable number.

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FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT,
RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA,
GN, GQ, GW, ML, MR, NE, SN, TD, TG).

— *as to the applicant's entitlement to claim the priority of the
earlier application (Rule 4.17(iii))*

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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER

IPC(8) - G06F 17/60 (2008.04)

USPC - 705/16

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)

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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 practicable, search terms used)

MicroPatent

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 2002/0002468 A1 (SPAGNA et al) 03 January 2002 (03.01.2002) Document.	1-15
Y	US 2005/0071231 A1 (BEENAU et al) 31 March 2005 (31.03.2005) Document.	1-15
Y	US 2005/0033688 A1 (PEART et al) 10 February 2005 (10.02.2005) Document.	10
A	US 6,920,560 B2 (WALLACE, JR) 19 July 2005 (19.07.2005) Document.	1-15

☐ Further documents are listed in the continuation of Box C.

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"E" earlier application or patent but published on or after the international filing date

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"&" document member of the same patent family

Date of the actual completion of the international search

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