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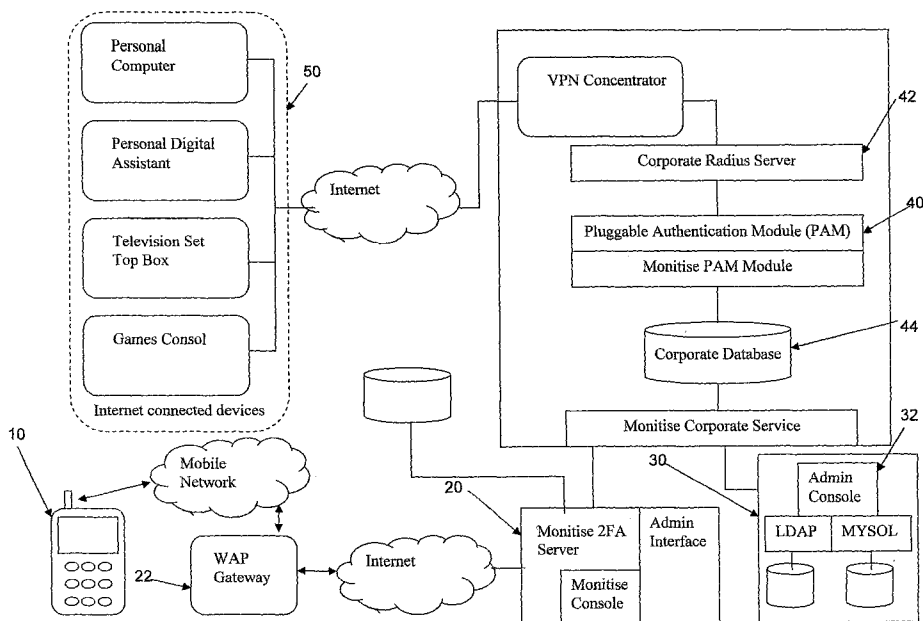
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(54) **Title:** METHODS, APPARATUS AND SOFTWARE FOR USING A TOKEN TO CALCULATE TIME-LIMITED PASSWORD WITHIN CELLULAR TELEPHONE



(57) **Abstract:** A method of accessing an internet based service, involves using a cellular telephony device to obtain a token from the provider of the internet based service, and within the cellular telephony device, using the token to calculate a time-limited password. The time-limited password is used in combination with at least one further user identification parameter to obtain access to the internet based service.

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B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
H04L 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

C. 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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P, A	US 2007/016943 A1 (M RAIHI DAVID [US] ET AL) 18 January 2007 (2007-01-18) paragraph [0004] - paragraph [0027]; figures 3,4	1-27
A	US 6 928 558 B1 (ALLAHWERDI NOURI ET AL) 9 August 2005 (2005-08-09) column 2, line 23 - column 7, line 59; figures 1,2A,2B	1-27
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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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Information on patent family members

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